

Projects Christoph Kluge

Since Sep 2025

Work Model:	Freelance
Customer:	Kurabu GmbH, Berlin
Role:	Full-Stack Software Engineer
Responsibilities:	<ul style="list-style-type: none">• Effort estimations and feasibility analysis• Maintenance and development of a REST-API (Laravel)• Maintenance and development of a whitelabel frontend-application for the customer-websites (Laravel)• Maintenance and development of multiple administration frontends (React.js)
Technologies:	PHP, Laravel, PHPUnit, MySQL, React.js, Cypress, REST-API, Slack, Gitlab CI, Make, Docker & Compose, Serverless

Aug 2022 – Dec 2024

Work Model:	Employment
Employer:	Patient 21 / Dental 21, Berlin
Role:	Team Lead Software Engineering
Project Description:	Form a group of php developers and build a cross-functional team in order to evolve an existing Symfony 2.6 monolith application into a functional, well-tested and easy-to-maintain composition of services
Responsibilities:	<ul style="list-style-type: none">• Lead and build an efficient cross-functional team• Modernization of an outdated Symfony monolith practice management system (PMS)• Integrate the PMS into the existing application landscape
Achievements:	<ul style="list-style-type: none">• First framework upgrade on the product since 8 years• Decoupled parts of the serverside rendered frontend into own ReactJS app/widgets consuming RESTful endpoints of the SF application• Established agile frameworks: Scrum and later Kanban• Increased ticket quality standards• Established application versioning (semver) and a regular release schedule including regression testing beforehand• Introduced a healthy and stable code-review culture• Integrated Sentry and established bug-hunting• Reduced amount of bugs by 80% per release• Reintroduced Unit and integration testing• Initialized E2E Testing with Cypress
Technologies:	PHP, Symfony, REST, Composer, JavaScript, VueJS, Yarn, SASS, PostgreSQL, Redis, RabbitMQ, Bash, Docker & Compose, Make, TMUX, JIRA, Confluence, GChat & GSuite, Slack, Git, Gitlab, GitlabCI, Sentry, Logstash, Grafana Loki, Cloudwatch, Scrum, Kanban

Dec 2021 – Jun/2022

Work Model:	Customer project
Employer:	Globallogic Germany GmbH, Berlin
Customer:	Global manufacturer of technical devices
Role:	Senior Web Engineer
Project Description:	Decoupling and refactoring of code from a NodeJS application to deal with requests from Smart-Home devices
Responsibilities:	<ul style="list-style-type: none">• Work on feature requests• Refactor existing code• Code reviews
Technologies:	NodeJs, Javascript, Docker Compose, Docker, Docker-Compose, JIRA, Confluence, Git, GitLab

Jan 2021 – Aug 2021

Work Model:	Customer project
Employer:	Globallogic Germany GmbH, Berlin
Client:	Health Assessment Provider, Berlin
Role:	Senior Web Engineer
Project Description:	Configuration, Maintenance and Service Delivery for multiple clients using multiple cloud providers
Responsibilities:	<ul style="list-style-type: none">• Updating helm configuration files within a multi-tenant-architecture• Customization of the frontend applications to meet customer needs• Bugfixing and code reviews and quality assurance tasks• Deployments and Jenkins pipeline configuration
Technologies:	TypeScript, SASS, Docker Compose, Docker, Docker-Compose, JIRA, Confluence, Slack, Git, GitHub Enterprise, Kubernetes, Amazon Web Services, Google Cloud Platform, Microsoft Azure, Jenkinsfile

Aug 2020 – Nov 2020

Work Model:	Customer project
Employer:	Globallogic Germany GmbH, Berlin
Customer:	Software Licence Distributor, Berlin
Role:	Senior Web Engineer
Project Description:	Development and improvement of a service-oriented and stream-based E-Commerce Application Stack
Responsibilities:	<ul style="list-style-type: none">• Implement new features, unit and integration tests in Laravel applications and Shopware plugins• Create testing-strategy for the already existing application stack, including new and legacy applications• Perform code reviews and quality assurance tasks• Introduce and extend a Docker-based service-stack to spin up a dev-environment on windows and Linux operating systems quickly
Technologies:	HTML, CSS, SASS, PHP, Shopware, Wordpress, Laravel, Composer, MySQL, Redis, Scrum, Apache Kafka, Docker, Docker-Compose, JIRA, Confluence, Slack, Git, GitHub Enterprise

Apr 2018 – Jan 2020

Work Model:	Customer project
Employer:	Globallogic Germany GmbH, Berlin
Customer:	Leading developers of intelligent visual sensor systems, Berlin
Role:	Senior Software Engineer
Project Description:	Service-Oriented Data-Management Software
Responsibilities:	<ul style="list-style-type: none">• Implement new features, unit and e2e tests• Perform code reviews• Support internal customers as a technical consultant• Specify JIRA issues of all types and detail levels for frontend and backend services• Monitoring application and perform active bug hunting/log-watching• Analyze and improve maintainability, transparency and stability of the current application stack
Technologies:	HTML, CSS, SASS, PHP, Symfony, REST-API, Composer, Javascript, AngularJS (TypeScript), Yarn, Gulp, CouchDB, Redis, Elastic Search, RabbitMQ, TIG, Docker, Docker-Compose, Kubernetes, TMUX, Puppet, Jenkins Pipelines, JIRA, Confluence, Slack, Mattermost, MS Teams, Git, Bitbucket, Scrum

Jan 2017 – Apr 2018

Work Model:	Customer project
Employer:	Globallogic Germany GmbH, Berlin
Customer:	Promotion Agency, Berlin
Role:	Senior Software Engineer
Project Description:	API-Driven Web-Application for Sales-Promotion
Responsibilities:	<ul style="list-style-type: none">• Concept and implement a release-pipeline• Realize continuous delivery to multiple environments with GitLab CI• Concept and implement multiple RESTful API endpoints and specify those using Swagger• Implement JWT authentication/authorization using model-policies along with customizable roles and rights• Implement unit and functional tests and random data-seeding for testing
Technologies:	HTML, CSS, SASS, Javascript, AngularJS, Ionic, YAML, JSON, PHP, Laravel, MySQL, Vagrant, Docker, Scrum, Kanban, JIRA, Confluence, Git, GitLab

Jul 2016 – Dec 2016

Work Model:	Customer project
Employer:	Globallogic Germany GmbH, Berlin
Customer:	Marketing Agency, Berlin
Workload:	On demand maintenance, usually less than 2 days per month
Role:	Senior Web Developer
Project Description:	Enhancement and Maintenance of Sales Promotion Software
Responsibilities:	<ul style="list-style-type: none">• Log-watching• Bug-fixing• Enhancement of UI Design• Performance optimization• Specification and implementation of new features
Technologies:	HTML, CSS, Javascript, ExtJS, MySQL, PHP, Joomla, FPDF, YouTrack, Git

Mar 2016 – Dec 2016

Work Model:	Customer project
Company:	Globallogic Germany GmbH, Berlin
Customer:	Online Funeral Services, Berlin
Role:	Senior Backend Developer
Project Description:	API-Driven Web-Application for Funeral-Services
Responsibilities:	<ul style="list-style-type: none">• Create concepts and solutions for provided stories• Realize continuous integration with Jenkins• Concept and realize restful API endpoints• Integrate Concardis payment provider• Specify API endpoint using API blueprint• Implement unit and functional tests
Technologies:	HTML, CSS, SASS, Javascript, ReactJS, Redux, MySQL, PHP, Lumen, Vagrant, Docker, JIRA, Confluence, Git, GitLab, GitlabCI, Scrum, Kanban, API Blueprint

Jul 2015 – Dec 2016

Work Model:	Customer project
Employer:	Globallogic Germany GmbH, Berlin
Customer:	Design Agency, Berlin
Workload:	Part-time, usually 1 day per week
Role:	QA Engineer and Project Lead
Project Description:	The project is about the realization of a pre-designed UI which will be used on touch-pad installed on top of an appliance.
Responsibilities:	<ul style="list-style-type: none">• Plan and control the development progress• Test the implemented features and create bug-reports• Concept test-strategies and create test-scenarios• Constantly run regression tests• Improve User experience and create appropriate enhancement tickets in JIRA• Interact between the developers and the client• Review and verify bug-reports from external testers• Keep track of new Firmware updates for the appliance <p>Very rare project assignment after Jan 2016</p>
Technologies:	XML, Inflexion, Scrum, Kanban, JIRA, Confluence, TestLink, Sharepoint, Git, Stash

Sep 2015 – Mar 2016

Work Model:	Customer project
Employer:	Globallogic Germany GmbH, Berlin
Customer:	Foreign Government Institution, Berlin
Role:	Senior Web Engineer
Responsibilities:	<ul style="list-style-type: none">• Create architecture for multilingual API and CMS to be consumed by multiple mobile frontend-applications• Concept and implement responsive CMS/admin-dashboard design• Easy-to-handle environmental configuration-setup• Test-automation with PHPUnit and Jasmine/Karma and coverage• Lint-automation for PHP, CSS, JavaScript• Continuous delivery to multiple cloud-hosted instances with Jenkins• Build process with versioned style-sheets and script-sources• Implement generic header-request-driven scopes to apply multiple processing directives for API-responses• Generic form-helper model-based Twitter Bootstrap formula creation• Implement and design scope-based frontend layouts to enable role-based content management• Reviewing of merge-requests• Setup of virtual machines on IBM Cloud, Azure
Technologies:	HTML, CSS, LESS, Bootstrap, PHP, Laravel, REST, Javascript, AngularJS, NPM, Leaflet, Grunt, Vagrant, Jenkins, Taiga.io, Git, GitLab, Bluemix

Jun 2015 – Aug 2015

Work Model:	Customer project
Employer:	Globallogic Germany GmbH, Berlin
Customer:	Leading Agency Network, Berlin
Role:	Senior Web Engineer
Project Description:	This project is about a multi-stage marketing campaign from a major telecommunication company, which was planning to role-out a major feature for its customers.
Responsibilities:	<ul style="list-style-type: none">• Create architecture for API with attached CMS modules• Enable processing capabilities to en/disable API endpoints in runtime• Enable automated state-switching by multiple criteria, e.g., datetimes• Utilize directives and services in AngularJS frontend application• Enable build process for frontend and backend (API) applications• Delivery with Jenkins to staging and production servers• Enable Lint-automation for PHP, CSS, JavaScript
Technologies:	HTML, CSS, LESS, PHP, Laravel, PHPUnit, Composer, MySQL, Javascript, AngularJS, NPM, Grunt, Jenkins, Vagrant, Git, GitLab

Jan 2015 – Jun 2015

Work Model:	Employment
Employer:	Quandoo GmbH, Berlin
Role:	Senior Web Engineer
Responsibilities:	<ul style="list-style-type: none">• Concept and start initial implementation of a back-office use-case API• Implement API-driven single page Backoffice application to orchestrate multiple information from various sources• Implement modules used by Composer, NPM and Bower• Enable test-automation using PHPUnit for API and Jasmine unit-tests for CMS-SPA• Enable Lint-automation for PHP, CSS, JavaScript• Short-term implementation of prototype-web-pages (proof of concept)• Validate “recent/new” CSS properties to prove usage within targeted browsers and observe performance of available poly-fills
Technologies:	HTML, CSS, LESS, PHP, Laravel, PHPUnit, Javascript, AngularJS, NPM, Grunt, Jenkins, Vagrant, Git, Bitbucket, JIRA, Confluence, Scrum

Aug 2014 – Dec 2014

Work Model:	Customer project
Employer:	Meelogic Consulting AG, Berlin
Customer:	Provider of Location Based Services, Berlin
Role:	Senior Web Developer
Project Description:	Development of a technical documentation platform
Responsibilities:	<ul style="list-style-type: none">• Realize Jenkins build and test-automation against multiple environment-based server instances: test, staging, production• Create PDF for structured content to generate documentation• Design (responsive) and implementation of frontend components, templates and themes• Design database structure• Enable json-responses for structure content data• Reviewing PHP and CSS code
Technologies:	HTML, CSS, Bootstrap, JQuery, Jasmine, NodeJS, Grunt, Karma, PHP, TYPO3, Git, GitLab

Aug 2014 – Dec 2014

Work Model:	Customer project
Employer:	Meelogic Consulting AG, Berlin
Customer:	Provider of Location Based Services, Berlin
Role:	Senior Web Developer
Project Description:	Development for help and legal information platform
Responsibilities:	<ul style="list-style-type: none">• Supporting responsive design development• Supporting JavaScript development• Optimizing CSS and HTML structure
Technologies:	HTML, CSS, Bootstrap, JQuery, PHP, TYPO3, Git, GitLab

Aug 2013 – Aug 2014

Work Model:	Customer project
Employer:	Meelogic Consulting AG, Berlin
Customer:	Provider of Location Based Services, Berlin
Role:	Senior Web Developer
Responsibilities:	<ul style="list-style-type: none">• Fork a page-builder-plugins and extend it with additional frontend end processing features• Implement a possibility to hide grid-rows for specific countries by determination based on IP lookup using MaxMind DB• Implemented a solution to customize row-backgrounds to display backgrounds across a multi-row and multi-column grid• Enable possibility to customize of row-dimensions• Implementation of an additional json output renderer to serve structured data for external services and tools• Implementing customizable widgets to be used by editors for quick creation of predesigned page contents like text and images• Implement a full-feature WYSIWYG editorial editor as widget to be used within the page builder plugin• Implementing highly customizable widgets to create rich content page elements, like maps and YouTube videos• Enable maps-widget to draw configuration-based routes and markers• Implement Single-Sign-On functionality by using an already existing SSO service• Implementation of a custom library for quick and easy generation of multi-language forms with asynchronous validation of these• Create unit-tests for PHP with PHPUnit• Create unit-test for JavaScript implementation with Jasmine Test-Framework• Realize ~ 80% Code coverage for implemented JavaScript Features• Create Jenkins-job to run unit tests and lint PHP, JavaScript and CSS• Implementation of a generic product-topbar and gathering of translations from an external service• Creation of templates for puppet <p>Since 8/2014 in Maintenance-Mode until end of year:</p> <ul style="list-style-type: none">• Maintenance of Wordpress and Wordpress Plugins
Technologies:	HTML, CSS, Javascript, AJAX, JQuery, NodeJS, Jasmine, Grunt, Karma, PHP, Wordpress, Composer, MaxMind GeoIP, Jenkins, Bash, Puppet, SVN, Scrum, Kanban

Apr 2013 – Jul 2013

Work Model:	Customer project
Employer:	Meelogic Consulting AG, Berlin
Customer:	E-Commerce, Berlin
Role:	Senior PHP Developer
Responsibilities:	<ul style="list-style-type: none">• Realization of a given template as a Magento skin• Extending the basic layout and implementation of static blocks and CMS pages• Extending the existing interface to realize automated product-galleries with Magento• Implementation of existing and user-defined extensions
Technologies:	HTML, CSS, Javascript, JQuery, PHP, Magento, Git, Bitbucket, MySQL

Apr 2013 – May 2013

Work Model:	Customer project
Employer:	Meelogic Consulting AG, Berlin
Customer:	Leading Agency Network, Berlin
Role:	Senior Software Developer
Project Description:	Development of an API-based business-intelligence-application for analysis of customer journeys and functional display on desktop and mobile devices.
Responsibilities:	<ul style="list-style-type: none">• Casing of multiple API-requests• Realization of given design with twitter bootstrap• Implementation of multiple views• Development of plugins to simplify output blocks• Implementation of caching for API-responses
Technologies:	HTML, CSS, Bootstrap, Javascript, JQuery, HighCharts, PHP, Zend Framework, MySQL, MSSQL, REST, Git, Bitbucket

Jan 2013 – Apr 2013

Work Model:	Customer project
Employer:	Meelogic Consulting AG, Berlin
Customer:	E-Commerce, Berlin
Role:	Senior Web Developer
Project Description:	Implementation of a responsive web application, based on Wordpress
Responsibilities:	<ul style="list-style-type: none">• development of a responsive theme for Wordpress• Conception and development of a solution to manage and display of ads within the platform• Design and implementation of several theme templates
Technologies:	HTML, CSS, Bootstrap, Javascript, JQuery, PHP, Wordpress, Composer, MySQL

Jun 2012 – Dec 2012

Work Model:	Customer project
Employer:	Meelogic Consulting AG, Berlin
Customer:	Marketing Agency, Berlin
Role:	Senior PHP Developer
Project Description:	Implementation of several template-modules for accelerated realization of web-based marketing-campaigns
Responsibilities:	<ul style="list-style-type: none">• Showroom-template for product presentation with optional countdown• Template to realize and evaluate surveys• Template to realize applications of user-generated-content and an additional user-voting for those applications• Template to realize sweepstakes• Template for users-subscriptions with double-opt-in• Process-driven architecture to control several stages of lead-generation in runtime• Component to re-render displayed images based on the current view of the end-user• Frontend and Backend application for a maintainable Quiz-game
Technologies:	HTML, CSS, Bootstrap, Javascript, JQuery, Textile, PHP, Smarty, GDLib, Git, Bitbucket, GitLab

Apr 2012 – May 2012

Work Model:	Employment
Employer:	Jaron GmbH, Berlin
Role:	Deputy Head Of Development
Project Description:	Realization of Social Media Projects for considerable customers, based on graphical templates. Responsible for all IT related issues for the client.
Responsibilities:	<ul style="list-style-type: none">• Conception and development of a framework that speeds up development of Facebook applications and page tabs• Development of a quiz for inclusion into the social network• Realization of screen-designs using HTML, JavaScript and CSS• Development of an advent-calendar with a chance to win for inclusion into the social network• Conception of a REST API for communication between external applications and the social network• Development of several competitions for integration in Facebook• Development of a CMS controlled tab for monthly generation of product advertising• Development of a postal code-based search algorithm including distance search
Technologies:	HTML, CSS, Javascript, JQuery, JQueryUI, AJAX, Flowplayer, PHP, Smarty, Zend Framework, Wordpress, Facebook Open Graph, MySQL, SQLite, REST, SOAP, Git, Bitbucket

Jan 2009 – Mar 2012

Work Model:	Employment
Employer:	hartmannvonsiebenthal GmbH, Berlin
Role:	Web Software Developer
Project Description:	<p>Development of a web-based application supporting retail shop construction management.</p> <p>As the main responsible for three social networks, I analysed new features together with our customers and I was responsible for the realization of those.</p>
Responsibilities:	<ul style="list-style-type: none">• Realisation of highly dynamic role-based design• Design and Implementation of a web-frontend in order to have one web-frontend-framework with a default set of template and CSS-themes• Conception and realization of content rendering and data visibilities on auto-completion fields in dependence on role of registered users and realization of different output formats of the auto completion suggestions• Optimization for user's workflow by different navigation features• Extended features of OSM/OpenLayers according to customer orders with customized markers and popups
Technologies:	HTML, CSS, PHP, Smarty, Javascript, JQuery, PrototypeJS, OSM/OpenLayers, AJAX, MySQL, MSSQL

Jan 2008 – Dec 2008

Work Model:	Employment
Employer:	Helios Media GmbH (now Quadriga Media GmbH), Berlin
Role:	Web Team Lead
Project Description:	Continuation of activities as Web developer. In addition I gained the responsibility for identification and coordination of tasks within the web team (3-7 employees). The team was responsible for about 50 projects and worked at least in 5 of the projects permanently.
Responsibilities:	<ul style="list-style-type: none">• Design and implementation of GUI-elements for generic voting• Concept and creation of code standard and code styles for the whole development team• Refactoring of a web-based CRM-search with focus on query optimization and performance• Optimization of a web-based CRM-search frontend usability with focus on search features, intuitively and search-match highlighting and cross-linking• Conception and database-design for internal personal management with interface to the existing CRM
Technologies:	HTML, CSS, Javascript, AJAX, PrototypeJS, PHP, Smarty, MySQL, MSSQL

Mar 2007 – Dec 2007

Work Model:	Employment
Employer:	Helios Media GmbH (now Quadriga Media GmbH), Berlin
Role:	Web Developer
Project Description:	Realization of graphical templates for website is one of my primary tasks that comprise many sites, manageable, complex online service and their workflow as well as of using several internal and external tools for maintenance.
Responsibilities:	<ul style="list-style-type: none">• Concept and realize an editorial system for processing static and dynamic content of an educational gateway.• Implement an editorial features for author's content (like BBCode), include tagging for embedded rich content type• Implement a live-preview for currently edited content using BBCode• Improve the UI and usability of the centralized user and subscription management system• Implement automated synchronization of differently database structures• Debugging, monitoring and optimization SQL-queries for multiple online service with focus on performance• Database design with ERM-module and implementation for an event management system• Conception and realization in house web shops for incoming orders from various sources• Conception and development of an adoptable web-shop module front end plugin, which should be used within multiple websites, portal and services• Conception and development of generic pixel tracking for send newsletter
Technologies:	HTML, CSS, Javascript, PHP, Bash, MySQL, MSSQL, CSV, PrototypeJS, AJAX