Your Experts in Modern Application Development

For over 20 years, we have been implementing projects for startups and SMEs (mainly in the financial industry) and supporting our customers in the areas of user experience design, software engineering and cloud operations. We highly value direct and honest communication with our customers and it is fun working with us.

Our Services

Agile Software Development

Software Development is our core business. We design, develop and operate sophisticated applications on the latest web stacks. In addition to a technically clean implementation, we also focus on understanding your business processes and are thus your ideal partner for the implementation of your IT project.

Operations & Cloud Computing

After implementing a solution, we are usually also responsible for operations and maintenance (on dedicated servers or cloud based solutions). By covering development and operations, we provide the best possible support from a single source.

Project Management

Our in-depth technical understanding, our experience in running agile software projects, and our understanding of your business processes enable us to take on project management tasks or act as a link between you and your nearshore development team.

Consulting

We can advise you in many matters relating to software development. For example, in the implementation of agile software processes or in obtaining second opinions etc.

Our Technical Skills

Methodologies	Agile Development (Scrum, Kanban), Design Patterns, Test Driven Design (TDD), Continuous Integration & Deployment
DevOps Tools	Docker (swarm/compose), Kubernetes, AWS, MS Azure, circle CI, github actions
Javascript	Typescript, Node.js, React, Next.js, Vue.js, GatsbyJS, Angular, Express, Meteor, socket.io, Webpack, Vite.js
Java	Spring, Hibernate, Maven, JUnit, JHipster, Camel, Jenkins, Ant
Ruby	Ruby on Rails, Capistrano, Mina
Web Technology	HTML5, CSS, SCSS, Haml, Apache, Nginx, Varnish, Redis, Websockets
Databases	MongoDB, PostgreSQL, MySQL, SQL Server, Oracle, data modeling, database design & optimization
SCM	git, github, bitbucket, SVN
OS	Linux, OSX, Windows

Project References

Design and implementation of a **workflow system** that facilitates several tasks in the area of **newspaper publishing**, frontend and backend. Analyze the deficiencies of the current legacy system and create a more robust event based architecture. Education of internal developers.

Technologies: RabbitMQ - React.js - Node.js - MongoDB - AWS - Docker

Architecture, implementation and operation of a multi issuer pricing platform for **structured products**, frontend and backend. Building gateways (API based and email based) for the automated communication with the issuing banks. The platform is operated in a Azure Kubernetes Cluster.

Technologies: React.js - Node.js - MongoDB - Redis - Docker - Kubernetes - Microsoft Azure (AKS)

Enhance and maintain a software platform (Apex Collateral) in the domain of Securities Lending & Borrowing and **Collateral Management**.

Technologies: Java - Apache Camel - Hibernate - Spring Framework - Scrum

Building and operating a platform to track **ESG related investments opportunities**. Implementation of the web page and CMS. Architecture and Implementation of the **Financial Data Management** backend.

Technologies: Next.js - Strapi.js - Node.js - MongoDB - Redis - Docker Swarm

Implementation and operation of **reporting tools** used for the "energy concept 2030" and the "strategy of climate change adoption" for the canton of St. Gallen. Integration of Ecospeed and EDB (energy database).

Technologies: React.js - Node.js - MongoDB - Docker Swarm

Design, bootstrap and implement the **responsive newspaper frontend** of several news publications (Tagesanzeiger, Bernerzeitung, Baslerzeitung etc.) Provide a backend solution for storing, managing and moderating comments. Integrate a paywall solution in both backend and frontend. Education of internal developers.

Technologies: Next.js - React.js - Node.js - MongoDB - Redis - Varnish - Amazon Web Services (AWS) - Scrum

Architecture, implementation and operation of a custom resource management tool for **planning the usage of operating rooms in a hospital** using event based data modeling.

Technologies: React.js - Node.js - MongoDB - Docker Swarm

We are looking forward to hearing from you.
codeplant GmbH, https://codeplant.ch, info@codeplant.ch, +41 44 520 09 38