



Services

Development of a cloud-based compliance platform for a startup

A state-of-the-art, web-enabled application for use in medium and large companies.

Requirements

- Development of a B2B compliance network
- Complete lifecycle from conception to go live
- Cloud-based micro service architecture (AWS)
- Real-time social media analysis based on key words
- Completely responsive web application and web site
- Dashboard with metrics, graphs, and statistics
- Complete localisation into 11 languages
- Involvement of payment providers
- High degree of down-time security and scalability

Procedures and Methods

- Introduction of an agile procedure and requirements analysis at the customer
- Extremely short feedback cycles and fast releases
- Analysis of the technical domains and the division into contexts that are as independent as possible
- Close cooperation with technical experts, UX designers, and designers

Technologies

- Cloud infrastructure: Amazon Web Services e.g. EC2, ECS, S3, SES, CloudWatch, RDS
- Front end: React framework (with Redux, Babel, D3, Webpack)
- Back end: SpringBoot REST services with RDS databases
- ElasticSearch as the basis for social feeds (Twitter)
- Dynamic dashboard updates with WebSockets
- Authentication using JWTs