

# Andreas Kull

SOFTWARE ENGINEER · SOFTWARE ARCHITECT

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## Skills

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<b>Frontend</b>	React, React Native, Redux, Vue, Angular
<b>Backend</b>	Spring, Akka, Kafka, RabbitMQ, Vault, Keycloak, Contentful, Hibernate, PostgreSQL, Elasticsearch
<b>DevOps</b>	AWS, Azure, Kubernetes, Istio, Helm, Terraform, Prometheus, Grafana, Kibana, Jenkins, Nginx, Linux, Git
<b>Programming</b>	HTML, CSS, ECMAScript, Java, Kotlin, Clojure, Python, SQL
<b>Architecture</b>	REST, GraphQL, HATEOAS, HAL, CQRS, Event-Sourcing, Hexagonal
<b>Methodologies</b>	Scrum, Kanban, Functional Programming, Test-driven Development
<b>Languages</b>	German, English, Spanish, Japanese

## Experience

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### Daimler TSS

Karlsruhe, Germany

SOFTWARE ARCHITECT

Since 12/2017

- Architecture and implementation of multiple cloud-native distributed applications for connected cars and fleet management
- Architecture of a payment solution system using a clean hexagonal approach
- Implementing various applications for autonomous driving and smart factories
- Processing the data of electric vehicles and training models for intelligent range prediction
- Customer acquisition and extensive requirements engineering
- Building and training a team of software engineers for a new office location

### adorsys

Nürnberg, Germany

TECHNICAL LEAD

05/2015 - 12/2017

- Leading teams of up to 4 frontend and 2 backend developers in several large-scale projects
- Making the critical architectural and technological decisions
- Implementation of large-scale B2C- and B2B-applications for a credit institution
- Design of the Core Banking System of a multinational bank
- Implementation of mobile applications for a global banking company and outsourcing to India
- Implementation of an API management solution and cloud-native distributed microservice architecture for a global trading institution
- Categorizing and classifying transactions with machine learning algorithms as leading architect and developer
- Design and implementation of the frontend architecture for several German banks and the migration of existing projects
- Maintenance and modernization of several legacy systems for EU-wide banks

### InterFace

Nürnberg, Germany

SOFTWARE ENGINEER

12/2013 - 05/2015

- Implementation of a cloud-native payment system for the German financial institutes
- Implementation of a quality assurance application for the automotive industry
- DevOps for highly scalable systems and implementation of additional monitoring and utility tools
- Requirement engineering and project management

### Across Systems

Karlsruhe, Germany

CONSULTANT

02/2011 - 09/2013

- Implementation of a statistical machine translation system
- Integration of statistical machine translation systems for key accounts
- Information extraction from news and search queries
- Implementation of a distributed and event-driven messaging system

## Education

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### Ruprecht-Karls-Universität

Heidelberg, Germany

COMPUTATIONAL LINGUISTICS, COMPUTER SCIENCE AND ENGLISH LINGUISTICS

2008 - 2013

- Bachelor (German final grade 1,5 ≈ 3.5 GPA)
- Thesis on the adaption of the Latent Dirichlet Allocation algorithm on subsegments (German grade 1,1 ≈ 3.9 GPA)
- Focus on statistics, machine learning and natural language processing