
SENIOR SOFTWARE ENGINEER | Backend • Cloud-Native • Scalable Systems

Results-driven engineer with **7+ years** of experience building **high-performance backend platforms, scalable microservices, and cloud-native solutions** in fintech, e-commerce, and automotive industries. Experienced in cross-functional leadership, with a track record of **driving efficiency gains up to 30% and cutting costs by hundreds of thousands of CHF**. Skilled in **API development and distributed systems**, with interests extending beyond software to automotive engineering, volleyball, skiing, motorsports and more.

Core Skills

Programming: Java, C++, Python, JavaScript, TypeScript, React, Node.js, GraphQL, Hibernate, REST, HTML5, CSS3

Cloud & DevOps: AWS, Azure, Docker, Kubernetes, GitLab CI/CD, Jenkins, Datadog, Microservices

Databases & Messaging: PostgreSQL, MongoDB, SQL, NoSQL, Kafka

Testing & Optimization: Optimizely, Cypress, Algorithms, Data Structures, Performance Tuning, CI/CD Automation

Experience

Senior Software Engineer | Accenture AG, Zurich, Switzerland

Feb 2023 - present

- Designed and implemented services for a **AI-powered banking automation platform**, reducing manual document processing by **80%** and enabling **hundreds of thousands CHF annual savings**.
- Developed dynamic CI/CD pipelines with custom Python automation, boosting deployment speed and reliability.
- Built** React-based front-end components supporting new platform features, improving usability scores by **25%**.
- Managed cross-team access approval workflows to ensure compliance with company and government data protection regulations.

Software Engineer | Autoscout24 / Smyle, Berlin, Germany

Jan 2022 - 12/2022

- Led** a 4-engineer team to design and launch a customer contact platform, contributing to a **5% sales increase** via actionable feedback insights.
- Ran** targeted A/B testing campaigns (Optimizely), boosting lead conversion rates by **3%**.
- Improved system stability via proactive monitoring and on-call duty, minimizing service disruptions.

Software Engineer | Capgemini GmbH, Berlin, Germany

Jan 2020 – Sep 2021

- Increased vehicle production data processing efficiency by **30%** via targeted refactoring and algorithm optimization.
- Eliminated bottlenecks** by replacing physical assembly sheets with a **real-time web-based reporting app** used by 200+ factory staff daily.
- Cut release bugs** by 90% by introducing static analysis, quality gates, and CI monitoring.

Junior Software Engineer | Capgemini, Wrocław, Poland

Feb 2018 – Dec 2019

- Reduced seafreight quotation processing time by **10%** via JVM profiling and optimal data structures.
 - Standardized team branching strategy, improving collaboration and code quality.
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Education

B.S.c in Computer Science | Wrocław University of Science and Technology

- Relevant coursework: Artificial Intelligence, Algorithms & Data Structures, Computer Networks.
 - Achievements: Won multiple trophies in international Formula Student championships.
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Languages

Polish (native), English (fluent), German (intermediate)