

SENIOR SOFTWARE ENGINEER

Software Engineering - Clean Code - System Design

Experienced Software Engineer delivering quality solutions across various environments and team sizes.

Software engineer passionate about building elegant solutions to complex problems. Enjoys working with distributed systems and creating developer tools that improve team productivity. Believes in writing clean, testable code and fostering collaborative engineering cultures. Always eager to learn new technologies and share knowledge with peers through mentoring and technical documentation.

CAREER HIGHLIGHTS

Database optimization: Identified slow queries causing checkout failures during peak traffic. Added proper indexing and query optimization that reduced p99 latency from 4s to 200ms, **eliminating timeout errors** and improving conversion rates.

Migration leadership: Led the migration of a 10-year-old PHP monolith to microservices over 18 months. Coordinated with 4 teams, maintained zero downtime during cutover, and **reduced infrastructure costs by 40%** through right-sized containers.

Search implementation: Built a full-text search feature using Elasticsearch that replaced a slow SQL LIKE query. Implemented autocomplete, typo tolerance, and faceted filtering. Search latency dropped from 3s to 50ms, **increasing user engagement by 25%**.

STRENGTHS SNAPSHOTS

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|----------------------------------|-------------------------------------|-------------------------------------|
| • Full-stack Development | • Technical Writing & Documentation | • Debugging & Performance Profiling |
| • Database Design & Optimization | • REST & GraphQL API Design | • Code Review & Mentoring |
| • CI/CD Pipeline Configuration | • Unit & Integration Testing | • Agile & Scrum Methodologies |

SOFTWARE ENGINEERING EXPERIENCE AND MILESTONES

Senior Software Engineer, FINTECH CORP, Germany, Berlin, Hybrid September 2025 - Current

Building internal tools for payment processing and transaction management. Working closely with product and compliance teams to ensure regulatory requirements are met. Contributing to the shared component library and participating in architecture reviews for new features.

- Implemented a real-time notification system using WebSockets that delivers transaction updates to mobile clients with sub-second latency
- Built a configuration management dashboard that reduced deployment errors by allowing non-technical staff to update feature flags safely.

Senior Software Engineer, DATAFLOW SYSTEMS, United States of America, New York, RemoteFebruary 2022 - September 2025

Joined as part of the platform team responsible for core services used by multiple product lines. Focused on improving reliability, reducing technical debt, and building tools that helped other engineers ship faster.

- Created a schema migration tool that validated changes against production data patterns, **catching 15+ potential incidents** before deployment.
- Rewrote the authentication middleware to support multi-tenant workloads, enabling the sales team to onboard enterprise clients with custom SSO.
- Set up automated load testing in CI that runs nightly, providing performance regression alerts before code reaches staging environments.
- Mentored two junior developers through their first major feature launches, establishing code review practices adopted by other teams.

Senior Software Engineer, PROPTECH SOLUTIONS, United Kingdom, London, Remote June 2021 - January 2022

First backend hire at an early-stage startup. Responsible for building the initial API, setting up infrastructure, and establishing engineering practices as the team grew from 3 to 12 people.

- Designed the core data model and API that powered the first version of the product, still in use today with minimal modifications after **2 years**.

- Introduced trunk-based development and feature flags, reducing merge conflicts and enabling weekly releases instead of monthly.
- Built a webhook delivery system with automatic retries and dead-letter queues, achieving **99.9% delivery rate** for partner integrations.

Software Engineer, DIGITAL AGENCY, Germany, Munich, Hybrid

October 2018 - June 2021

Worked on various client projects ranging from e-commerce platforms to internal business tools. Gained experience across different tech stacks and learned to quickly adapt to new codebases and team dynamics.

- Built a inventory sync service connecting Shopify stores with warehouse management systems, processing **50k+ SKU updates daily**.
- Developed a custom reporting dashboard that replaced manual Excel workflows, saving the finance team approximately **8 hours per week**.
- Created reusable Docker Compose configurations adopted across 5+ projects, standardizing local development environments.
- Contributed to an open-source pagination library that now has **200+ GitHub stars** and is used in production by several companies.

Software Engineer, CLOUD PUBLISHERS, Germany, Berlin, Remote

December 2015 - October 2018

Started as an intern and grew into a full-time role. Learned professional software development practices including version control, code review, and agile methodologies while contributing to customer-facing features.

- Migrated email templates from a legacy system to a modern templating engine, improving rendering speed and enabling A/B testing capabilities.
- Fixed a long-standing timezone bug in the scheduling module that had caused **recurring customer complaints** for over a year.
- Wrote comprehensive API documentation that reduced support tickets related to integration questions by approximately **25%**.

Prior Engagement:

Software Developer, TECHSTART, Germany, Munich (Aug 2014 - June 2015)

Software Developer, WEBAPPS INC, Germany, Berlin (June 2012 - November 2013)

EDUCATION

Master of Science (Computer Science) – Technical University of Berlin, Berlin, Germany
Bachelor of Science (Computer Science) – Technical University of Berlin, Berlin, Germany

TECHNICAL ACUMEN

Technical acumen includes, but is not limited to:
Programming Languages: *Python* and *Go*.
Databases: *PostgreSQL* and *MySQL*.
Messaging & Streaming: *Kafka*.
Infrastructure & Cloud: *Docker* and *Kubernetes*.
Libraries & Frameworks: *FastAPI*.
Data & Analytics: *Apache Airflow* and *dbt*.

LANGUAGE PROFICIENCIES

English (Fluent), German (Fluent) and French (Conversational).

Last Updated on February 8, 2026