Sebastian Kutschbach

Senior Software Engineer · Java · Kotlin · AWS · Flutter · Remote (CET)

Helmstedt, Germany · +49 173 1640383 · skutschbach85@gmail.com
sebastian.sebku.de · github.com/sebastiankutschbach · linkedin.com/in/sebastian-kutschbach

Profile

Senior software engineer with 17 years of experience building production software at Volkswagen and Audi. I work across backend (Java/Spring Boot, Kotlin, AWS), mobile (Flutter/Dart/Swift) and build/automation tooling, and I own delivery end to end: architecture, implementation, CI/CD and operations. I am looking for a fully remote role where the product has a measurable positive impact.

Experience

Senior Software Engineer — Volkswagen AG, Wolfsburg

Software development · 11/2020 – present

- Designed and built the platform that deploys software containers to vehicle production (Kotlin, AWS Lambda/Step Functions, TypeScript); in use at 20 plants worldwide.
- Built the repair-information platform for service partners (Java/Spring Boot, TypeScript/Angular) used by more than 1000 repair shops.
- Own architecture decisions and CI/CD for both services; mentor 6 engineers and cut search times by more than 80%.

Senior Software Engineer — Volkswagen AG, Wolfsburg

App development · 04/2017 – 11/2020

- Built and shipped a vehicle-diagnostics mobile app in Flutter/Dart/Swift.
- Designed the Spring Boot backend and its APIs.

Software Engineer — Volkswagen AG, Wolfsburg

Tool development · 04/2012 – 04/2017

- Built an Eclipse RCP development and automation environment for more than 400 engineers.
- Set up build, test and deployment infrastructure (Jenkins, Maven Tycho, JUnit, Nexus, Sonar).
- Developed engine control software.

Software Engineer — Audi AG, Ingolstadt

Tool development · 07/2010 – 04/2012

- Built an integrated development and automation environment based on Eclipse RCP and BPMN.
- Developed engine control software.

System Modeling Engineer — Gigatronik GmbH, Ingolstadt

02/2009 – 06/2010

- Modelled simulation models to validate powertrain control units; model-based development with MATLAB/Simulink.

Education

B.Eng. Electrical Engineering and Information Technology — Technische Hochschule Ingolstadt (THI)

2005 – 2009

- Final grade 1.6 (German scale; 1.0 is the best grade).
- Thesis at Audi Electronics Venture (AEV), Ingolstadt (07/2008 – 01/2009): “Modeling of Functions in the AUTOSAR Environment”.

Internship & Scholarship — Siemens VDO, Regensburg

2005 – 2008

- Several placements in engine-control software development; model-based development with MATLAB/Simulink.

Skills

Programming — Java · Kotlin · TypeScript · Dart · C · Go · Python

Backend & Cloud — Spring Boot · REST APIs · AWS (Lambda, Step Functions, DynamoDB, S3, ECS) · Docker

Mobile & Frontend — Flutter · Angular

Build & Delivery — Maven · Gradle · AWS CodePipeline · GitHub Actions

Quality & Operations — JUnit · integration testing · Playwright · observability (logs, metrics, tracing) · on-call/incident response · secure coding

Collaboration — Git · code review · mentoring · agile delivery

Spoken languages — German (native) · English (C1, fluent written and spoken)