

JONAS-TAHA EL SESIY

SOFTWARE ENGINEER

Location: Sunnyvale, CA
E-Mail: info@elsesiy.com
GitHub/LinkedIn: elsesiy

Software Engineer with thorough hands-on experience in various fields and industries. Passionate team player leveraging agile methods and helping others to perform their roles more effectively. I have architected and built scalable & containerized back-ends, created powerful RESTful API services and crafted native as well as web-based front-ends with modern and highly interactive UIs. Recent focus on big data processing and building resilient, cloud-native infrastructure to do so.

EXPERIENCE

Mercedes-Benz R&D North America, Inc., Sunnyvale, CA, UNITED STATES

Mar. 2018 – Present

Staff Data Engineer

My team works on processing high-volume, high-throughput data from all customer vehicles and making them available to data scientists and third parties.

I set up the CI/CD pipeline and improved the big data pipeline architecture both leading to drastically reduced development time and big cost-savings. In addition, I implemented the ISO-compliant APIs and microservices necessary to sell data to external parties.

Reluelta Dev GbR, Klein Rogahn, GERMANY

Aug. 2014 – Present

Co-Founder & CEO

Acquire and run multiple web & mobile app projects with clients from the arts industry.

IBM Deutschland GmbH, Various cities, GERMANY

Oct. 2011 – Mar. 2018

Software Architect & Senior Consultant | Oct. 2016 - Mar. 2018

Our team builds a generic hybrid mobile app incl. back-end services and DevOps for usage across the German insurance industry.

I was the development lead and worked on building the deployment & back-end infrastructure in addition to integrating iOS native SDKs into the hybrid app.

Mobile Architect & Consultant | Oct. 2014 - Sep. 2016

My team developed multiple Android applications and back-end services for a major German food store chain.

I was a SCRUM developer and worked on topics ranging from Android performance analyses to designing and implementing the security architecture for the apps.

Co-op student Business Information Systems | Oct. 2011 - Sep. 2014

Worked in various branches of the company as part of my study program including sales, consulting & HR.

EDUCATION

Master of Science, Service Management & Engineering

Mar. 2015 – Dec. 2016

Karlsruhe Institute of Technology, Karlsruhe, GERMANY

- Master thesis on "Streamlining Logistics Processes with Blockchain Technology" in which I implemented a prototype on Ethereum to track physical assets in the context of a supply chain use-case for a big food store chain
- Executive Masters program sponsored by IBM due to outstanding achievements in my undergraduate studies

Bachelor of Science, Business Information Systems

Oct. 2011 – Sep. 2014

Berlin School of Economics and Law, Berlin, GERMANY

- Bachelor thesis on "Sales support by sales performance analyses" in which I analyzed and evaluated current sales data to support better allocation of resources and improve decision-making processes
- Co-op study program with IBM (internships in various branches of the company) including a fully self-organized semester abroad at UC Santa Barbara, Fall 2013

SKILLS

Tools

- Golang, Java, Swift
- Bash, Terraform, Kubernetes
- Helm, Docker, Jenkins, SonarQube
- Artifactory, Maven, Gradle, Git
- MySQL, PostgreSQL, MongoDB

Techniques

- Cloud-native infrastructure
- CI/CD workflows & automation
- Native apps (iOS/Android)
- Mobile First, Responsive design
- Agile development (SCRUM)

Qualities

- Self-directed and passionate
- Leadership skills, integrity
- Good writing skills
- Meticulous yet pragmatic
- Outgoing and team driven