Reza Esfahani

Senior Software Engineer · Stuttgart, Germany

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Backend, observability and FinOps for distributed cloud systems. Event-driven architecture, cloud cost optimization and engineering leadership. FinOps Certified Practitioner and AWS Solutions Architect Associate.

EXPERIENCE

Senior Developer, Exxeta AG — Apr 2024 – Present
Stuttgart, Germany

Senior backend engineer designing and building new features, working as a Golang, Kotlin and Python engineer on an Automobility project. Built and maintain the Grafana stack on Amazon EKS to centralize telemetry across teams, with service names kept consistent across logs, metrics and traces. Designed the concept for a FinOps Hub on Azure FinOps tools with a Power BI dashboard, and built a proof of concept for AI-for-FinOps: an MCP service using Claude in Azure, connected to Copilot Studio, so Microsoft Teams Copilot can answer questions about cloud costs, usage and optimization opportunities. Presented the proof of concept to the customer.

Kotlin · Java · Quarkus · Golang · Python · Grafana · Amazon EKS · MCP · Claude · Azure · FinOps · Power BI

Technical Lead, TIER Mobility SE — Aug 2022 – Feb 2024
Remote

Planned and designed the product roadmap with the Project Manager in the TierX Swarm team. Built on TypeScript, NestJS, Nx and AWS, embedding event-driven architecture, domain-driven design and Apache Kafka into core solutions. Helped optimize cloud usage by scaling staging-environment services to zero, and helped migrate from Datadog to the Grafana stack, with significant cost savings. Built Ranger App automation for field operations, using ride start and end locations on the Uber H3 grid (with the data team) to decide where Rangers provide service. Automated the customer-service workflow with an Intercom bot backed by scalable APIs and data pipelines.

TypeScript · NestJS · Nx · Kafka · DynamoDB · PostgreSQL · Terraform · AWS · React · Grafana

Senior Software Engineer, Wobe-Team — Jul 2018 – Aug 2022
Kiel, Germany

Built an infrastructure monitoring system with the ELK stack and Beats for the Titan project (now Open FBA). Led PushBox, an internal tool for Kieler Nachrichten to replace Trello with a private database. Built composable components for Open FBA, a no-code platform research project. Replaced error-prone Excel price calculations with a C# desktop application (HKD Calculator).

TypeScript · Vue.js · GraphQL · Elasticsearch · MongoDB · C# · .NET

Junior Software Engineer, Exact — May 2013 – Oct 2014
Kuala Lumpur, Malaysia

Designed and implemented dashboards for the Exact Cloud platform in the Financial+ Scrum team. Also served as President of the Social and Responsible Team, leading CSR and community initiatives across the Asia Development Center.

C# · Visual Basic · .NET · MS SQL

EDUCATION

M.Sc. Information Engineering — 2017 – 2019
Kiel University of Applied Sciences

Technology and Systems Development. Thesis: touch interactions in a no-code programming interface using HTML5 Canvas.

B.Sc. Software Engineering — 2010 – 2013
Asia Pacific University, Kuala Lumpur

Dual degree with Staffordshire University, UK.

CERTIFICATIONS

FinOps Certified Practitioner
The Linux Foundation (FinOps Foundation)

AWS Certified Solutions Architect – Associate
Amazon Web Services

Security Professional
Asia Pacific University, 2012

LANGUAGES

Persian
Native

English
Advanced (C1)

German
Intermediate (B2)