

Ali Khoramshahi

Personal Information

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Nationality German

Experience

- 2020-now **Chief Technology Officer / MD**, AIRSIDERS, Berlin/Germany.
Airsiders focuses on improving connectivity and passenger experience. Our services include online travel agency (OTA) with a focus on virtual interlining(4M+ daily requests), passenger and luggage management for self-connect flows, and airport wayfinding solutions.
- Managing budgets, strategically planning for technological advancements, and optimizing revenue streams.
 - Leading and shaping our tech units: Backend, Frontend, and BI.
 - Overseeing the development and execution for OTA platform and various web services.
 - Tech stack: AWS serverless architecture (Lambda/Step Functions), React/Redux, DynamoDB, ArangoDB, Neo4j, ECS, and Redshift.
- 2019-2020 **Lead Backend Engineer**, VAITRADE, Berlin/Germany.
Vaitrade operates as a digital supply chain financing solution company based in Europe.
- Leading the transition to a high availability architecture.
 - Developed and implemented zero-downtime pipelines.
 - Led and mentored backend team.
 - Responsible for the design, improvement, and implementation of backend solutions.
- 2018-2020 **Co-Founder**, STYLIFIER, Berlin/Germany.
At Stylifier, we developed a suite of tools for simplifying outfit selection based on color harmony. The platform grew to 10k+ users. The vision extended to establishing a marketplace within the platform, connecting users with professional stylists. My role involved developing the business model, design and implement user experience, and push for the company growth. I also developed full stack components of the solution. Stack: Node.js (Express) backend, a React Native mobile app (Redux), React web app, Kong (API Gateway), Cloudfront, S3, Postgres, and Grafana.
- 2017-2018 **Developer**, IAMSMART, Berlin/Germany.
At iamsmart, a B2C smart home solution provider, my role included developing software for a custom-built Linux gateway. This gateway was a communication link between the cloud and user devices (NAT to Z-Wave network).
I was responsible for orchestrating and managing gateway and device fleets, implementing secure and robust over-the-air update mechanism, creating administration tools, and monitoring services.
Additionally, I played a key role in shaping the overall architecture of the system, ensuring it met high standards of functionality and reliability.

2016-2017 **Backend Developer**, RELAYR, Berlin/Germany.

At Relayr, an IoT platform for managing and connecting hardware, sensors, and virtual devices to the cloud, I was involved in core backend development tasks.

My responsibilities included designing and implementing new REST APIs in a cloud microservice environment, developing the MQTT gateway to interface IoT devices with the cloud, and maintaining and scaling existing services. Tech stack: AWS, Jenkins, Ansible, Consul, Postgres, Cassandra, Kafka, RabbitMQ, Scala, and Node.js.

2015-2016 **Developer**, ZETTABOX, Prague/Czech Republic.

At Zettabox, a European cloud storage provider, I was involved in both server-side and client-side application development within a scrum-based structure. My main contributions included:

- Introducing monitoring and administration tools to manage the system's core, leveraging microservice-based architecture.
- Engaging in full-stack development for admin tools, incorporating unit testing and code coverage.
- Designing, developing, and incorporating a messaging broker using RabbitMQ.
- Implementing SignalR Connection to facilitate various technology integrations like Web-Socket.
- Developing features for the Windows client, including interface design using WPF, logic, and communication.

Education

2014–2016 **Bachelor of Science (Hons)**, Teesside University.

General Computing, First Class Honours

Languages

English **Fluent**

German **B1 (TELC)**