

Yilmaz Naci Aslan

Software Developer



Backend-focused full-stack developer with 4+ years of experience designing and delivering cloud-native applications across various industries. Skilled in building scalable frontend and backend systems, setting up CI/CD pipelines, and deploying solutions on GCP, Azure, and AWS.

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Languages: English (C1), German (C1), Turkish (Native)

Work Experience

MaibornWolff GmbH — Software Engineer / Consultant, Nov 2021 – Present

Miele – Smart Home Application | Nov 2022 – Sep 2024 & Aug 2025 – Today — Backend Developer

- Developed high-performance Java backend services and REST APIs for large-scale smart home applications.
- Implemented event-driven architecture and asynchronous pipelines for device communication.
- Deployed and monitored production workloads on GCP, ensuring high availability.
- Mentored junior engineers and provided 24/7 on-call support for critical services.

Vunapay (GIZ initiative) | Apr 2025 – Aug 2025 — Full-stack Developer

- Transformed VunaPay's monolithic Flutter app into a scalable React Native and Node.js platform
- Designed CI/CD pipelines for staging/production environments on GCP

Molecular Devices | Sep 2024 – Apr 2025 — Frontend Developer

- Developed web applications for scientific instruments.

BMW Smart Battery Cell Factory | Nov 2021 – Feb 2022

- Built backend services providing REST APIs for IIoT controllers using industrial communication protocols.

IAV GmbH (Dec 2020 – Aug 2021) — Internship

- Implementation of radar-based smart solutions for vital sign monitoring.

Technical Skills

- Backend: Java (Spring Boot), Node.js (Express), Event-Driven Architecture (Kafka, MQTT, WebSockets)
- Frontend: React, React Native, TypeScript, Redux
- Cloud & Infra: AWS, GCP, Azure, Docker, Kubernetes, Terraform, Firebase
- Databases & Monitoring: PostgreSQL, MongoDB, Elasticsearch, Prometheus, Grafana, Kibana

Certifications

- AWS [Cloud Practitioner](#)
- Microsoft Azure [AI Engineer Associate](#)

Projects

- **Co-Creator of [Football Fan Social Gaming App](#)**
 - Mobile Developer — Designed and built a React Native mobile app targeting football fan communities.
- **Berlin Foreign Office Appointment Bot**
 - *Automated appointment booking system, open-sourced on [GitHub](#) with 100+ stars and 50+ forks*

Education

- M.Sc. in Mechanical Engineering - TU Berlin (2018 – 2021) - *Thesis: Contributor to [MURMEL Project](#)*
- B.Sc. in Mechanical Engineering - TU Istanbul (2012 – 2016) - Erasmus Exchange, TU Berlin (2015 – 2016)