

# 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.

Berlin, Germany | yilmaz.aslan@gmail.com | +49 176 803 323 69 [LinkedIn](#) | [Github](#)  
 **Languages:** English (C1), German (C1), Turkish (Native)

## Work Experience

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

- **Miele – Smart Home Application** | Nov 2022 – Sep 2024 & Aug 2025 – Today  
Senior Developer — Built backend services and APIs, deployed and monitored production workloads, mentored colleagues, served as 24/7 on-call support.
- **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 with full CI/CD automation and isolated 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)

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

### Mercedes-Benz Turk (Feb 2018 – Aug 2018)

- Mechanical Engineer. Bus manufacturing assembly line quality check

## Projects

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- 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**

## Tech Skills

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

## Certifications

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

## Education

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- 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)