



FATİH DEMİRTAŞ

Software Engineer

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SUMMARY

Backend Software Developer with 3+ years of experience building web applications using Java and PHP. Skilled in developing backend services, working with relational databases, and maintaining production systems in Linux environments. Hands-on experience with DevOps practices, including Docker, Kubernetes, and CI/CD pipelines to support deployment and reliability. Focused on code quality, testing, and delivering practical, maintainable solutions while collaborating effectively within Agile teams.

WORK EXPERIENCE

Software Developer

Sep 2024 - Present

Plaincoder, Rheinbach/Germany

- Developed and maintained a laboratory management platform using PHP and Java (Quarkus) by working across backend and frontend layers, improving system usability and operational stability.
- Built server-side rendered web applications and backend services with Java and Quarkus, enabling scalable architecture for internal and client-facing systems.
- Implemented authentication and authorization, improving security and role-based access control.
- Managed relational database schemas with version-controlled migration files, ensuring consistency and reliability across development and production environments.
- Designed and maintained containerized deployments with Docker and Kubernetes, supporting production releases and reducing deployment complexity.
- Established CI/CD pipelines using GitHub Actions, automating build and deployment workflows and increasing delivery efficiency.
- Improved code quality and system reliability by implementing PHPUnit automated tests.
- Supported infrastructure and DevOps operations by managing Linux servers, monitoring tools, and Kubernetes-based services, ensuring system availability and reliability.

Software Engineer Intern

Sep 2023 - Dec 2023

Teknopar, Ankara/Turkiye

- Developed Java backend services with code obfuscation, ensuring secure software distribution.
- Implemented an MITM detection algorithm using CAN signals and MQTT, improving system security.
- Built a Python automotive simulation service with InfluxDB time-series storage for testing workflows.
- Containerized service with Docker and supported CI pipelines, improving deployment efficiency.

Software Engineer Intern

June 2023 - Aug 2023

Cubicl, Ankara/Turkiye

- Developed integrations using JavaScript and TypeScript, enabling seamless communication between systems and external services.
- Contributed to a Node.js application by implementing backend logic and service integrations, improving system interoperability.

EDUCATION

- **Bachelor of Technology in Software Engineering, Karadeniz Technical University, Turkey, 2020-2024**
- **Gazi Vocational and Technical Anatolian High School, Ankara/Turkiye, 2015-2019**
Department of Information Technologies (Database Programming)

SKILLS

- Programming: Java, Kotlin, Python, JavaScript, TypeScript, PHP
- Frameworks & Technologies: Quarkus, JPA/Hibernate, JUnit, REST APIs, HTMX
- Databases: PostgreSQL, MSSQL, Oracle, InfluxDB
- DevOps & Infrastructure: Docker, Kubernetes, GitLab CI/CD, GitHub Actions, Ansible, Linux
- Web: HTML, CSS
- Methodologies: Agile, Scrum, Kanban
- Language: English (Professional Working Proficiency), Turkish (Native)