

Mükrimе Sağıroğlu

Full Stack Developer

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Full Stack Developer with ~2 years of experience in backend and frontend development, specializing in payment systems, open banking platforms, and authentication services. Skilled in Spring Boot / Java, React and React Native, delivering secure and scalable applications for fintech and mobility projects. Passionate about building user-friendly digital wallets, secure login flows (FIDO2/WebAuthn), and cloud-based solutions. Adept at cross-functional teamwork, testing (JUnit, Postman), and continuously enhancing technical expertise.

KEY AREAS OF EXPERTISE

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|-----------------------------|------------------------|---|
| ✓ Backend Development | ✓ Frontend Development | ✓ PostgreSQL / MS SQL |
| ✓ Spring Boot / Java | ✓ React / React Native | ✓ Testing (JUnit, Postman) |
| ✓ REST APIs & Microservices | ✓ Redux Toolkit | ✓ Authentication (FIDO2, WebAuthn, JWT) |

PROFESSIONAL EXPERIENCE

Full Stack Developer Mar 2024 - Present
KafaTech Software Ankara, TR

- Built 3+ merchant and admin panel modules for YemeksepetiPay in React (TypeScript) and Redux Toolkit, streamlining checkout and wallet operations for thousands of daily users.
- Developed PSD2-compliant Account & Payment Initiation APIs in Spring Boot / Java using Hexagonal Architecture, enabling secure transactions and ensuring regulatory compliance for Token (Koç Holding) Open Banking platform.
- Implemented FIDO2/WebAuthn passkey authentication in Spring Boot, providing passwordless login for web & mobile users and reducing login-related support tickets by 25%.
- Delivered Ödero digital wallet features in React Native (JavaScript/TypeScript), ensuring seamless performance across iOS and Android platforms.

Software Developer Apr 2023 – Aug 2023
ESOGU Center of Intelligent Systems Applications Research (CISAR) Eskişehir, TR

- Designed metaheuristic algorithms for electric vehicle routing in the OPEVA Horizon Europe project (EU-funded), improving route efficiency by ~15%.
- Contributed to multidisciplinary research activities including article reviews and technical reporting, producing official EU project deliverables under the OPEVA consortium.
- Built and tested optimization models for autonomous vehicle systems, ensuring reliable decision-making in varied traffic conditions.

Full Stack Developer Aug 2023 - Feb 2024
AVKAR Software Eskişehir, TR

- Enhanced the ESOGÜ SEM Certification Platform (Spring Boot & React) by implementing new certificate creation, sales, and management features, directly meeting live production requirements.

- Built backend modules in Java Spring Boot integrated with PostgreSQL, ensuring reliable data storage and seamless system performance.
- Developed frontend components in React, improving navigation and enabling users to access the platform's services more easily.
- Wrote unit tests in JUnit and designed API test collections in Postman, increasing code reliability and reducing production bugs.
- Gained hands-on professional experience in full stack development, mastering React for frontend and Spring Boot for backend under real project conditions.

Full Stack Developer (Intern)

BilTAY Technology

Jan 2023 – Feb 2023

Eskişehir, TR

- Improved company websites by fixing frontend issues and developing reports with DevExpress, while integrating XML-based invoices into the database.

EDUCATION

Eskişehir Osmangazi University, Computer Engineering, Eskişehir, Oct 2019 - Feb 2024, GPA: 3.13

TECHNICAL SKILLS

Languages & Frameworks: Java, Spring Boot, React, React Native, Redux Toolkit, TypeScript, JavaScript

Databases: PostgreSQL, Microsoft SQL

Testing Tools: JUnit, Postman

Platforms & Tools: Git, Bitbucket, DevExpress

LANGUAGES

English (B2), German (A1)