

Furkan ALNIAK

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🏠 2450, Copenhagen, Denmark

PROFESSIONAL EXPERIENCE

Flatpay

Senior Java Developer

May 2026 - Present

Denmark

Engineered end-to-end e-commerce platforms and secure payment gateway solutions utilizing Java, Spring, and Hibernate. Architected scalable backend infrastructures ensuring high-performance and secure transaction processing across the entire system.

AMC Banking & Consult

Software Developer

Jul 2025 - April 2026

Denmark

Developed scalable bank-integrated ERP plugins using Java 17 and Tapestry. Enhanced system architecture by improving concurrency handling and transaction integrity in multi-threaded environments. Optimized PostgreSQL and MSSQL databases to ensure reliable data synchronization between ERP and banking interfaces.

Akbank A/S

Senior Java Software Developer (Remote)

Aug 2022 - Jul 2025

Denmark

Optimized high-traffic loan allocation systems (Java 8/17) serving 8.5M+ customers. Reduced CPU usage by 10-12% through Mainframe-to-Java transitions and improved runtime by ~8% via DB2-to-Oracle migrations. Additionally, designed OpenAPI solutions for Backbase integration to support digital banking channels.

S'aide Financial Technologies & Services

Backend Team Leader

Nov 2019 - Aug 2022

Turkey

Built a microservices-based Digital Wallet API from scratch using Java and Spring, alongside an Angular 9 admin panel. Led the architectural design, CI/CD pipeline setup, and Docker/Kubernetes deployments. Managed a cross-functional, international team (Turkey, Pakistan, Kuwait) to ensure successful end-to-end delivery.

Xinerji Technology & Logistic Services

Full Stack Developer

Sep 2018 - Nov 2019

Turkey

Developed monolithic MVC APIs using Java EE and Spring for high-traffic mobile and web platforms. Designed and implemented ERP/CRM interfaces with Angular (v7–9) and PrimeNG. Built CI/CD pipelines, managed deployment workflows, and integrated third-party systems via SOAP services.

EDUCATION & PUBLICATIONS

Firat University, Turkey, 2014-2018

Software Engineering, Bachelor

Digital Forensic and Security (ISDFS), 2018

6th International Symposium on IEEE

Review and comparison of captcha approaches and a new captcha model

PORTFOLIO

Remoot.dev

Remoot is a phone app that connects to Cursor on your computer so you can use your editor from your phone—like a bridge between your phone and your coding app.

Debug.Now

An AI-powered SaaS platform analyzing code for errors and optimizations, built with Java, React, and Next.js, supporting multiple programming languages.

BlockTemp.Email

A SaaS email validation service that detects temporary addresses, built with Java, AWS, React, and Next.js, ensuring data quality for online platforms.

SKILLS

Application Development

Java, Javascript, CSS/HTML

Database Management

PostgreSQL, Oracle, DB2, MySQL, MongoDB, Graph Databases(Neo4J)

Server Management

UNIX, Kubernates, Docker, Continuous Deployment and Continous Integration Pipelines

Frameworks

Spring Boot, Hibernate, Angular, Bootstrap,

Cloud Services / Platforms

Amazon Web Services, Google Cloud Platform, Backbase, Microsoft Azure

Other

Microservices, Multi-agent AI Systems, Ontology-based AI prompt creation and refinement, Agile & Scrum Management, Process And Version Control Systems