Ahmet Doguhan Erbil
Full Stack Developer

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PROFESSIONAL SUMMARY

Full Stack Developer and Software Engineer with 3+ years of professional experience in software development, specializing in Java, Spring Boot, React, and PostgreSQL. Built and maintained scalable web applications processing 100K+ monthly transactions with CI/CD automation. Strong background in RESTful API development, automated testing, database optimization, and agile project management. Proven track record of cross-functional collaboration, technical problem-solving, and delivering high-quality software on time. Fluent in English, seeking an international software engineering opportunity.

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, TypeScript, Python, SQL, HTML, CSS
Backend Development: Spring Boot, Spring Security, Spring Data JPA, RESTful APIs, REST API Development, Web Services
Frontend Development: React, Next.js, Tailwind CSS, Responsive Web Design, UI/UX
Databases: PostgreSQL, MySQL, Redis, Database Optimization, Query Performance Tuning
DevOps & Tools: Docker, GitLab, GitLab CI/CD, Git, GitHub, GitHub Actions, Linux, Nginx
Testing & QA: JUnit, Selenium, Postman, Test Automation, Unit Testing, Integration Testing, Debugging
Methodologies: Agile, Scrum, CI/CD Pipelines, SDLC, OOP, Version Control, Performance Optimization, Troubleshooting

PROFESSIONAL EXPERIENCE

Full Stack Developer — Aurora Bilisim, Istanbul, Turkey   May 2024 – Present
- Developed and maintained a warehouse management system using Java, Spring Boot, React, and PostgreSQL, processing **100K+ monthly transactions** and reducing order-processing time by 30%
- Designed and implemented CI/CD pipelines using Docker and GitLab CI/CD, reducing deployment time from days to **15 minutes** and rollback incidents by 40%
- Performed database optimization on PostgreSQL queries and redesigned RESTful API endpoints, scaling the system for **3x concurrent users** with 25% faster page loads
- Collaborated with cross-functional teams including design, QA, and DevOps to deliver software releases on schedule, improving customer satisfaction by 20%

Network & IT Specialist — National Defense University, Istanbul, Turkey   Jun 2023 – May 2024
- Managed IT infrastructure across **300+ endpoints**, maintaining 99.8% system uptime with zero security breaches under military-grade protocols
- Improved incident resolution time by 25% and reduced new-staff onboarding time by 40% through standardized technical documentation and process improvement

Full Stack Developer — Aurora Bilisim, Istanbul, Turkey   Aug 2022 – May 2023
- Engineered scalable backend services in Java and Spring Boot, reducing REST API response times by **35%** through query optimization and caching strategies
- Led test automation efforts using Selenium and Postman, achieving **85% regression test coverage** and reducing production defects by 40%
- Implemented CI/CD test pipelines, cutting release validation from days to hours and accelerating software delivery by 20%

PROJECTS

Mini Tasks | Java, Spring Boot, React, PostgreSQL, Docker, GitHub Actions, JWT
Full-stack web application with REST API, JWT authentication, PostgreSQL database, containerized with Docker and automated CI/CD pipeline.

Crypto Blog | Next.js, React, JavaScript, SEO, Responsive Design
SEO-optimized blog platform built with Next.js featuring server-side rendering, responsive web design, and clean UI/UX.

EDUCATION

Altinbas University   2018 – 2022
Bachelor of Science, Computer Engineering — Istanbul, Turkey

LANGUAGES

English: Professional Working Proficiency   **Turkish:** Native

CERTIFICATIONS

Modern JavaScript ES6+ (Udemy)
Docker Fundamentals (Udemy)
BTK Academy Network Fundamentals
Blockchain & Bitcoin (Udemy)