

Ahmet Doguhan Erbil

Full Stack Developer

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Professional Summary

Full Stack Java Developer with 3+ years of experience delivering scalable web applications across backend (Java Spring Boot) and frontend (ReactJS/NextJS). Currently designing and maintaining a warehouse management system with PostgreSQL and CI/CD pipelines to ensure high-quality, performant releases. Background in IT support and test automation (Selenium, Postman) strengthens my ability to troubleshoot complex issues and collaborate with cross-functional teams. Known for problem-solving, adaptability and clear communication, enabling me to deliver business-focused, innovative solutions in international, agile settings. Additionally, developed a customer and supplier management system using Next.js, PostgreSQL, Zod, and shadcn/ui, delivering measurable improvements in operational efficiency.

Technical Skills: Java, JavaScript, Spring Boot, ReactJS, Next.js, RESTful APIs, Microservices Architecture, PostgreSQL, MySQL, Docker, CI/CD Pipelines, Git, Agile/Scrum, Selenium, Postman, Manual Testing, GitHub, Gitlab

Work Experience

Aurora Bilisim | Istanbul, Turkiye

Provider of warehouse and logistics software, developing modern ERP platforms that enhance efficiency and scalability for enterprise clients.

Full Stack Developer | May 2024 – Present

- Architected and launched a new warehouse management platform using Java Spring Boot, ReactJS and PostgreSQL, enabling seamless handling of 100K+ monthly transactions and reducing order-processing time by 30%.
- Established CI/CD pipelines and automated quality gates, cutting deployment lead times from days to under 15 minutes and reducing rollback incidents by 40%.
- Scaled the system for 3x more concurrent users by redesigning API endpoints and optimizing database queries, improving page-load speeds by 25%.
- Introduced observability dashboards and real-time performance metrics (trend skill), increasing SLA compliance visibility for management and accelerating incident response by 50%.
- Collaborated with cross-functional teams (design, QA, DevOps) to deliver feature releases on time, boosting customer satisfaction scores by 20%.
- Designed and developed a customer and supplier management system for a food production company using Next.js and PostgreSQL with direct database connectivity.
- Implemented secure form validation and data integrity using Zod and built modern, responsive interfaces with shadcn/ui, improving operational efficiency by approximately 30%.

National Defense University | Istanbul, Turkiye

Turkey's leading military higher education institution, operating under strict security protocols.

Network & IT Specialist | Jun 2023 – May 2024

- Revamped and secured the university's IT infrastructure, performing preventive maintenance on 300+ endpoints (computers, printers, routers) and achieving 99.8% uptime across critical systems.
- Redesigned network configuration processes in line with military-grade security protocols, cutting incident resolution time by 25% and improving audit compliance scores.
- Delivered rapid-response technical support during field operations and exercises, ensuring secure communications with zero data breaches.
- Standardized documentation of hardware/software configurations and created a handover guide, reducing new-staff onboarding time by 40%.
- Partnered with cross-functional teams (operations, security, academic staff) to anticipate IT needs and proactively mitigate downtime.

Aurora Bilisim | Istanbul, Turkiye

Provider of warehouse and logistics software, developing modern ERP platforms that enhance efficiency and scalability for enterprise clients.

Full Stack Developer | Aug 2022 – May 2023

- Engineered scalable backend services in Java, supporting a growing customer base and reducing API response times by 35% through query and cache optimization.
- Led end-to-end manual and automated testing with Python (Selenium) and Postman, increasing regression test coverage to 85% and lowering production defects by 40%.
- Introduced automated CI/CD test pipelines, cutting release validation time from days to hours and improving deployment confidence across teams.
- Collaborated closely with product and development teams to align testing goals with business objectives, accelerating feature delivery by 20%.
- Documented QA best practices and trained junior testers, improving onboarding speed and consistency of test execution.

Basari Soft | Computer Intern | 07.2020 – 08.2020 | Istanbul, Turkiye : Assisted in software installation, network configuration, and system maintenance for client environments, gaining hands-on experience in troubleshooting and preventive IT support.

ABKTeknik Computer Intern | 07.2018 – 08.2018 | Istanbul, Turkiye : Supported server setup, hardware diagnostics, and routine network maintenance, developing foundational skills in system configuration, backups, and data recovery.

Education

Altınbaş University – Istanbul, Turkey

Bachelor of Science in Computer Engineering (2018 – 2022)

- Focused on software development, database systems and network security.
- Completed senior projects in Java-based web applications and data analysis, integrating agile practices and modern development tools.
- Actively participated in coding competitions and university tech communities, strengthening teamwork and problem-solving skills.

Certification

- Modern JavaScript Courses from Beginner to Advanced Levels ES+7(Udemy)
- BTK Academy Network Fundamentals Training
- Blockchain and Bitcoin Training(Udemy)

Languages

- English – C1 (Professional Working Proficiency)
- Turkish – Native