

# 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 3× 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

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**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

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

## Languages

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