

# Enes YEDIKARDES

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## SUMMARY

Backend Engineer skilled in designing and deploying scalable AWS infrastructure, leveraging containers, automation, and strong backend and security knowledge. Delivers reliable, production-ready solutions with a customer-focused mindset and continuous learning.

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## EXPERIENCE

### Software Engineer

#### TurkTelekom via Kafein Technology Solutions

January 2024 - Present, Istanbul

- Developed and optimized scalable backend services using Java 8+, Spring Framework, JPA, Hibernate ensuring high availability and performance.
- Implemented RESTful and SOAP web services using Java and Spring Boot, adhering to security and performance standards for seamless system integration.
- Optimized database queries in Oracle Databases PL/SQL to enhance response times and system scalability.
- Contributed to upgrading legacy backend systems from Java 8 by refactoring code and ensuring compatibility with Java 21, leveraging Java and Spring Boot Framework technologies.
- Regularly participated in code reviews and mentored 2+ junior developers, promoting clean, maintainable code practices.
- Collaborated with cross-functional teams across all stages of the Software Development Life Cycle (SDLC) in Agile/Scrum environments, helping to deliver 100% of projects on time and within scope.

### Software Engineer Intern

#### Hitit Airline & IT Solutions

August 2022 - September 2022, Istanbul

- Migrated a legacy JavaFX desktop application that Pegasus Agencies using to ElectronJS, improving maintainability and cross-platform compatibility.
- Optimized Selenium-based test automation, reducing test execution time by 40%.
- Integrated RESTful and SOAP web services with Java 8 and JAX-RS, addressing system interoperability challenges and improving integration stability.
- Developed responsive frontend components with Bootstrap and JavaScript, enhancing UI/UX and contributing to a 20% increase in user satisfaction scores based on feedback.
- Consolidated API documentation and developer reference materials using Swagger and Postman, enabling smoother collaboration across backend and frontend teams.

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## PROJECT

### Deploying a Full-Stack Web Application on AWS: A Blog Site

#### Personal Project

- Architected and deployed a production-ready full-stack application on AWS, implementing modern cloud infrastructure with React frontend and Node.js/Express backend, achieving 99.9% uptime through auto-scaling and load balancing.
- Containerized the entire application stack using Docker and AWS ECR, implementing multi-platform builds and non-root security practices, reducing deployment time by 60% and ensuring consistent environments across development and production.
- Designed and implemented scalable AWS infrastructure utilizing EC2 Auto Scaling Groups (1-5 instances), Application Load Balancer, Route 53 DNS, and DynamoDB, handling variable traffic with automatic scaling based on 70% CPU utilization threshold.
- Implemented comprehensive security architecture with IAM roles, VPC security groups, least privilege access policies, and defense-in-depth strategies, ensuring zero security incidents in production.
- Developed RESTful APIs with Express.js integrated with DynamoDB for data persistence, implementing health check endpoints, CORS configuration, and JWT-based authentication for secure access.

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## EDUCATION

### Bachelor of Engineering in Computer Engineering

Istanbul Commerce University · Istanbul, Turkey · 2019 - 2023 · 3.44 GPA

- Graduated as 3rd ranked student.
- Graduated with honors and achieved scholarship due to grades.

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## CERTIFICATIONS

## **AWS Certified Cloud Practitioner**

Amazon Web Services (AWS) · 2025

## **McKinsey Forward Program**

McKinsey & Company · 2024

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## **SKILLS**

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Cloud & Infrastructure: AWS, Cloud Architecture, Security Best Practices.

DevOps & Automation: Docker, CI/CD Pipelines, Jenkins, Git, GitHub Actions, Monitoring & Logging, Agile Development.

Development: Java, Spring Boot, RESTful APIs, SOAP Web Services, Microservice, Object-Oriented Programming, JPA, Hibernate, JavaScript, TypeScript, React, Bootstrap, HTML5, CSS3, JSP, Responsive Design, Relational Databases (MySQL, PostgreSQL, Oracle), NoSQL (DynamoDB).

Advanced proficiency in English – both written and spoken communication. (C1)

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