AKINER ALKAN

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PROFESSIONAL SUMMARY

I am an experienced backend developer with 8 years of experience at Siemens, specializing in Spring Boot microservices, AWS cloud platform, Agile methodologies, and comprehensive testing practices encompassing unit, feature, and integration testing. I have a strong understanding of software development best practices and a proven track record of delivering high-quality solutions through collaborative teamwork. With a dedication to crafting robust and maintainable code, as well as the ability to adapt to changing requirements, I bring valuable expertise to any software development team.

WORK HISTORY

Aug 2022 - Current
Experienced Software Engineer
Siemens

- Leading legacy system migration to modern Java applications.
- Resolving complex technical issues and providing leadership.
- Optimizing application performance and resolving performance bottlenecks.
- Working with cloud platforms such as Amazon Web Services.
- Mentoring and providing guidance to junior developers.
- Conducting code reviews and ensuring adherence to coding standards.
- Documenting code and system architecture.
- Providing technical guidance and support on customer-oriented topics.
- Contributing to architectural discussions and tech recommendations.

Sep 2017 - Aug 2022
Software Engineer
Siemens

- Developed Java-based full-stack web applications.
- Implemented RESTful APIs using Java frameworks.
- Enhanced existing software systems and legacy platforms.
- Enabled real-time communication with WebSockets.
- Performed unit, integration, and feature testing for Java applications.
- Integrated continuous integration and delivery (CI/CD) pipelines.
- Collaborated with cross-functional teams for feature development.
- Worked in Agile environment with scrum framework.
- Utilized HTML, CSS, and the Angular framework for frontend development.

- Implemented message queues and event-driven architectures.

Aug 2016 - Sep 2017
Associate Software Engineer
Siemens

- Collaborated with stakeholders from Germany and Turkey.
- Implemented WPF application using MVVM design pattern.
- Implemented navigation and data validation in application.
- Enhanced performance through optimized data binding.
- Debugged and resolved issues in existing application.
- Utilized Git for source code management.

Oct 2015 - Jun 2016
Teaching Assistant
Marmara University

- Assisted in teaching computer programming courses.
- Led lab sessions for programming exercises.
- Graded assignments and provided feedback.
- Demonstrated programming techniques to students.

SKILLS

Languages
Java, Angular, Rust, TypeScript, Python

Testing
Junit, TestNg, Selenium, Mockito

Cloud Platforms - AWS Specific
ECS, EC2, Lambda, CloudFront, RDS, API Gateway, SNS, SQS, S3, Route 53

Tools
GIT, JIRA, Confluence, Trello, PgAdmin, Postman, SourceTree, Rest, Docker

Database Management Systems
PostgreSQL, Redis, Dynamo, Mongo

Frameworks
Spring Boot, Spring MVC, Hibernate

CERTIFICATIONS

ISAQB - Certified Professional for Software Architecture
IREB CPRE - Certified Professional for Requirements Engineering

EDUCATION

May 2018 – Jun 2021
Master of Science: Computer Science
Marmara University | Turkey

May 2012 – Jun 2016
Bachelor of Science: Computer Science
Marmara University | Turkey

LANGUAGES

English

Advanced

Turkish

Native