Emircan Mert

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SUMMARY

As a Computer Engineer, I develop clean, sustainable, and scalable software using C#, .NET Core, Java, and React Native. I embrace Clean Code and SOLID principles while building robust infrastructures with microservice architecture, API integrations, and design patterns. I prioritize quality through test-driven development (TDD) and solve complex technical problems efficiently. I am proficient in CI/CD pipelines and work effectively within Agile/Scrum teams. I am eager to learn, open to innovation, and passionate about creating software solutions.

EXPERIENCE

•**Backend Developer**   *09/2023 - 03/2025*

Optimum Sinerji   Istanbul, Turkey
  – Developed microservice-based backend solutions using C#, .NET Core, and SQL Server.
  – Accelerated data flow via SAP integrations.
  – Enhanced database performance through MSSQL query optimization.

•**Desktop Developer Intern**   *08/2023 - 09/2023*

GURU System Management and Software   Istanbul, Turkey
  – Developed a stock management application using Java Swing.
  – Optimized database-object mapping with Hibernate.

•**Web Developer Intern**   *07/2022 - 08/2022*

ASIST Information Technologies   Istanbul, Turkey
  – Designed dynamic survey forms using C# and .NET.
  – Integrated data using RESTful APIs.

EDUCATION

•**BSc in Computer Engineering**   *08/2019 - 09/2023*

Bilecik Şeyh Edebali University, GPA-3.06   Bilecik, Turkey

•**Information Technologies, Erasmus Program**   *07/2021 - 08/2022*

Wroclaw University of Economics and Business   Wroclaw, Poland

PROJECTS

•**Teknofest - Artificial Intelligence in Health Competition**
  – Developed a deep learning model using TensorFlow to analyze mammogram images and predict cancer. Reached the finals and ranked 4th with an early diagnosis system.

•**Teknofest - Digital Technologies in Industry Competition**
  – Developed an autonomous guided robot for internal factory logistics. Used sensor-based navigation and control algorithms to transport loads efficiently. Reached the final qualifiers.

•**Home-Cooked Meal Ordering App**
  – Developed two mobile applications using React Native for users and home cooks. Implemented real-time data management and user authentication with Firebase.

TECHNICAL SKILLS

Languages: C#, Java, JavaScript, Python
Frameworks: .NET Core, Spring Boot, React, React Native, Node.js
Databases: MSSQL, MongoDB, Firebase, Hibernate
Tools: Git, Docker, SAP, RESTful API, Tailwind CSS
Architectures: Microservices, Distributed Systems

LANGUAGES

Turkish: Native
English: Professional Proficiency (C1)

ADDITIONAL INFORMATION

Military Service: Completed
Driver's License: Class B