OĞUZHAN BAYRAM

Istanbul, Turkiye - (531) 934-68-10 – oguzhanbayram13@gmail.com
oguzhan13.github.io
linkedin.com/in/oguzhan-bayram

PROFESSIONAL SUMMARY

I built the foundations of my software knowledge at Bilge Adam Academy and graduated from its software training program. Over the past **3 years**, I have specialized in payment systems, EMV card personalization, and cryptography. My experience includes HSM integration, key management, secure APDU processing, and EMV data analysis at bit level across multiple payment schemes (Mastercard, Visa, Troy, Amex, Diners, Co-Badge). In addition, I have contributed to backend and full stack projects using technologies such as .NET, C#, C++, Java, SQL, HTML, CSS, JavaScript, and ISML.

As a self-motivated and results-driven professional, I am committed to building a long-term career in backend or full stack development. I am a quick learner who rapidly absorbs new technologies, adapts to complex environments, and communicates clearly and effectively.

SKILLS

- Programming Languages: C#, C++, Java, JavaScript, SQL
- Stakeholder Management
- Intermediate in English Communication (Verbal & Written)
- Agile Methodologies (Scrum)
- Problem-Solving and Analytical Thinking
- Business Acumen and Strategic Planning
- Tools & Technologies: .NET, Web Development, Database, ORM, Software Architecture (Reflection, Proxy Pattern), HTML, ISML, JS, CSS, Cryptography, HSM, Payment Systems,, Smartcard

WORK EXPERIENCE

Software Developer – Upsoft Solutions, Istanbul   *11/2023 - present*

- Performed card personalization processes compliant with EMV standards and also tasks involving cryptography operations and HSM (Hardware Security Module) commands.
- Designed a server to communicate with Android mobile devices.
- Analyze business problems.
- Run test scenarios.
- Tools & Technologies: C#, C++, Java, Android, .NET, SQL, HSM, Cryptography, Smartcard.

Outsource Software Developer – DGPAYS, Istanbul   *01/2025 – 07/2025*

- Performed EMV profile creation and Credit, Debit, Prepaid product configurations, including both database and backend code-level adjustments.
- Contributed to screen customizations using ISML and JavaScript, as well as backend enhancements in C# using Proxy design pattern and Reflection.
- Collaborated with the Kart Basım team and the Delta team to support operational and development needs.
- Had a role in the deployment of updates to the live production environment as part of the 8-Digit BIN project.

- Tools & Technologies: C#, .NET, SQL, ISML, JavaScript, HSM, Cryptography, Smartcard, Jira

Fullstack Developer – Bilge Adam Technologies, Istanbul

- Taking role as full stack developer in BACampus App project. 01/2023 - 03/2023
- Technologies: N-tier Architecture, Asp.Net Core API, Entity Framework, Fluent API, Fluent Validation, MSSQL

EDUCATION

Boost Star Developer Programme – Bilge Adam Technology, Istanbul   *2022- 2023*
Geodesy and Photogrammetry Engineering – Blacksea Technical University, Istanbul   *2010- 2014*