OĞUZHAN BAYRAM

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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, working at Upsoft Solutions and providing outsourced services for DgPays (Jan 2025 – Jul 2025).

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
- Communication (Verbal & Written),
- Intermediate in English
- 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 – 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

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.

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
Geodesy and Photogrammetry Engineering – Blacksea Technical University, Istanbul 2022- 2023 2010- 2014