








Demir Bakiu

Full Stack .NET Developer

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PROFESSIONAL PROFILE

Full Stack .NET Developer with 4+ years of experience building and modernizing enterprise, public-sector, financial, and e-commerce software systems. Strong background in C#, ASP.NET Core, .NET 9, Clean Architecture, REST APIs, SQL Server, Docker, Redis, React.js, and legacy-to-modern system migration.

Experienced in backend development, API integrations, production support, and reusable service development for scalable digital platforms. Contributed to national e-Albania service modernization and independently built a complete e-commerce ecosystem, including a mobile app deployed to Apple App Store and Google Play.

AREAS OF EXPERTISE

- **Backend** — C#, ASP.NET Core, .NET 9, Web API, Entity Framework Core, LINQ, REST APIs
- **Architecture & Patterns** — Clean Architecture, Microservices, Modular-Monolith
- **Frontend** — React.js, JavaScript, TypeScript, Material UI, Blazor, MudBlazor
- **Mobile** — React Native, Expo, .NET MAUI, Android, iOS
- **Databases** — SQL Server, T-SQL, Redis, SSRS
- **DevOps & Deployment** — Docker, IIS, Azure DevOps, GitLab, CI/CD, SonarQube, NGINX, Traefik
- **Integrations** — SOAP/WCF, XML/JSON contracts, WooCommerce, WordPress, Meta / WhatsApp API
- **Tools** — Git, Postman, SOAP UI, Swagger/OpenAPI, Scalar

PROFESSIONAL EXPERIENCE


05/2026 – Present
Tirana

Tirana Bank 
.NET Software Engineer

- Contributing to the development and maintenance of enterprise banking software systems using .NET technologies.
- Working with internal systems, integrations, and secure application workflows in a regulated financial environment.
- Collaborating with technical and business teams to support reliability, maintainability, and operational continuity of banking applications.

12/2024 – 04/2026
Tirana

Communication Progress 
Full Stack Software Engineer (.NET & React.js)

- Contributed to the modernization of national e-Albania  digital services by transitioning legacy ASP.NET WebForms modules into scalable .NET 9 API-based services using Clean Architecture.
- Developed backend services, REST APIs, and reusable shared components for public-sector digital service implementations.
- Built shared services for PDF rendering, document stamping, document streaming, Redis caching, and transaction management, improving development consistency and delivery speed.
- Implemented React.js frontend modules using Material UI, supporting the renewal of modern citizen-facing digital service interfaces.
- Supported the transition from legacy XML-based ESB integrations to modern JSON-based API contracts, improving interoperability between government systems.
- Collaborated with third-party institutions and internal teams to clarify requirements, resolve integration issues, and deliver production-ready services.

- Supported containerization and deployment activities using Docker, while contributing to code quality through structured reviews and SonarQube analysis.
- Delivered SLA-critical SQL and ASP.NET WebForms support for public-sector and telecom-related projects.

07/2022 – 11/2024
Tirana

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.NET Software Developer

- Developed and maintained web applications using ASP.NET Core, ASP.NET MVC, ASP.NET WebForms, and SQL Server.
- Designed and implemented RESTful APIs to support integrations with internal and external client systems.
- Developed and integrated SOAP/WCF web services for secure data exchange between distributed platforms.
- Contributed to the integration between the General Directorate of Taxes and the High Judicial Council of Albania, enabling reliable institutional web service communication.
- Implemented Windows Services and Hangfire background jobs to automate business processes and improve operational efficiency.
- Created and maintained SSRS reports to support reporting, monitoring, and stakeholder decision-making.
- Deployed and managed applications on IIS, supporting production environments with performance, availability, and security considerations.

SELECTED PROFESSIONAL PROJECT

03/2025 – 03/2026

355 Red — E-commerce Mobile & Management Platform [🔗](#)

Founder / Full Stack Developer | .NET API, Expo, React Native, WooCommerce, Docker

- Architected and developed a complete e-commerce ecosystem from scratch, including a customer-facing mobile application, internal management platform, and .NET middleware API.
- Built the mobile application using Expo / React Native and deployed it to both Apple App Store and Google Play.
- Developed a .NET API middleware layer responsible for synchronizing products, customers, orders, authentication, and business operations between the mobile app, management system, and external REST services.
- Implemented REST-based communication using GET, POST, PUT, and DELETE endpoints, while decoupling client applications from external systems to improve maintainability, security, and scalability.
- Managed the full delivery lifecycle, including architecture, backend development, API integration, mobile deployment, testing, and production publishing.

EDUCATION

10/2024 – Present
Tirana

Master's Degree in Cybersecurity

Faculty of Economics, University of Tirana

10/2020 – 07/2023
Tirana

Bachelor's Degree in Informatics, Tirana

Faculty Of Natural Sciences

LICENSES & CERTIFICATIONS

05/2024

OWASP-SKF100

The Linux Foundation

08/2022

Microsoft AI Fundamentals - AI 900

Microsoft

07/2022

Microsoft Azure Fundamentals - AZ 900

Microsoft

07/2022

Microsoft Data Fundamentals - DP 900

Microsoft

LANGUAGES

Albanian
Native



English

Professional working proficiency / B2-C1



Italian
Beginner



Danish

Motivated to learn