

BOZHIDAR IVANOV

FULLstack .NET Developer with AI driven platforms

Junior Software Engineer

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GitHub: <https://github.com/b1-loop>

Portfolio: <https://b1-loop.github.io/Portfolio/>

Professional summary

Ambitious and highly driven .NET FULLSTACK developer with a strong foundation in software engineering, clean architecture, and real-world problem solving. Trained to build production style applications end to end, from database design and secure .NET APIs to modern React UIs and cloud deployment. Strong focus on clean code, clean architecture, security, validation, and team delivery using GitHub flow, Scrum, and CI CD.

Combines technical education with extensive professional experience from Volvo Cars, including leadership and high-responsibility roles in complex production environments.

Founder of a successful service business, bringing strong business acumen, customer focus, and execution mindset into software development. Experienced in building structured applications using C#, .NET, SQL, and modern development practices, with a clear focus on clean code, maintainable systems, and continuous improvement.

Known for exceptional discipline, leadership, and long-term commitment — not only to learning programming, but to becoming a top-performing software engineer who delivers reliable, high-quality systems.

Technical Skills

Languages & Frameworks:

C#, .NET, ASP.NET Core, JavaScript

Backend & Architecture:

Object-Oriented Programming (OOP), SOLID, Clean Code, Layered Architecture, Dependency Injection, LINQ, RESTful APIs, Authentication & Authorization, Two-Factor Authentication (2FA), Blazor, ASP.NET MVC

Databases & Persistence:

SQL Server, MySQL, Entity Framework Core, Relational Database Design, Normalization

Web & UI:

HTML, CSS, Responsive Design, UI/UX Fundamentals

Frontend, React and UI:

Responsive Design, UI/UX Fundamentals HTML, CSS, JavaScript, API consumption and async flows React, Tailwind CSS, Shadcn UI, MerakiUI, design libraries Axios for HTTP, TanStack Query hooks for fetching, caching, and syncing State management with Redux and Zustand, React patterns like useEffect, Forms and validation, React Hook Form, Zod Cookies, tokens, localStorage, auth aware UI patterns

DevOps & Tools:

Git, GitHub, Docker, Agile Development, Visual Studio, SSMS, VS Code, Pull-Requests, Vercel, Azure

AI and Modern Tooling:

Building AI powered apps with API based model integration and key handling OpenAI, ChatGPT, Claude, Gemini, Google AI Studio, Lovable Rapid UI and product workflows, Flames Blue website design tooling

Team Delivery and Project Leadership:

GitHub Projects, issues, tasks, features, milestone based delivery Agile execution, Kanban, sprint planning, retrospectives Project lead and Scrum leader experience, task splitting, team coordination

Quick Keywords for ATSTeam:

.NET Core, ASP.NET, Minimal API, Clean Architecture, CQRS, MediatR, EF Core, LINQ, SQL, JWT, Identity, RBAC, FluentValidation, React, Tailwind, TanStack Query, Redux, Zustand, React Hook Form, Zod, CI CD, GitHub Actions, Azure, Vercel, Netlify, Prisma, Supabase, OpenAI API

Work Experience

Machine Operator/Team Leader— Volvo Cars

2020 – Present

- Ensure production quality and stable operational flow in automated manufacturing
- Troubleshoot deviations and drive continuous process improvements
- Led high-volume production team focused on quality, safety, and performance
- Coordinated daily operations and developed team performance

Assembly Operator — Volvo Cars

2018 – 2020

- Performed component assembly in lean production environment (5S, LEAN)
- Maintained high quality and delivery precision

CEO & Founder — HB Luxury Auto Detailing

2022 – 2024

- Founded and scaled a profitable premium service business
- Led strategy, operations, and customer relations

Board Deputy Member — Casa Domini AB

2018 – Present

- Support strategic governance and board-level decision making
 - Manage and maintain the organization's website and provide general IT support
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Software Projects

Travel Journal — Large-Scale Console System (C#, .NET)

Architected and developed a scalable console-based travel management system inspired by real-world enterprise applications.

- Designed a **layered architecture** (UI, Services, Domain, Data Access) following Clean Code and SOLID principles
- Built a **generic DataStore<T> repository pattern** with JSON persistence for reusable and testable data access
- Implemented **user management with role handling and Two-Factor Authentication (2FA)**
- Developed advanced terminal UI using **Spectre.Console** (interactive tables, progress bars, dashboards, maps)
- Created modules for **trip planning, budgeting, statistics, and analytics** using LINQ-based data processing
- Focused on **Maintainability, extensibility, and separation of concerns**, mirroring professional backend systems

Tech: C#, .NET, LINQ, JSON, Spectre.Console, OOP, SOLID, GitHub

QuestTracker — Productivity & Goal Management System

Designed a structured productivity platform for tracking long-term goals and daily habits.

- Modeled a **clean domain-driven architecture** with entities for goals, habits, and progress tracking
- Applied **separation of concerns** using Services and Repositories for business logic isolation
- Implemented **LINQ-based analytics** for progress summaries and performance insights
- Designed the system to be **easily extendable to web or API-based solutions**

Tech: C#, .NET, OOP, LINQ, Clean Architecture

Job Application Tracker — Career Management System

Built a production-style event booking system with the database as single source of truth.

- Designed a domain model for **applications, interviews, statuses, and follow-ups**
- Implemented **dynamic filtering and search with LINQ** for real-time pipeline overview
- Created a **persistent storage layer** to track historical job search data
- Focused on **real-world workflow automation and data organization**

Tech: C#, .NET, LINQ, JSON, OOP

Portfolio Website — Personal Developer Brand

Created a modern, responsive developer portfolio to showcase projects and skills.

- Designed and built a **fully responsive personal website** using modern frontend practices
- Focused on **UI/UX, accessibility, and performance optimization**
- Implemented **interactive elements and animations** using vanilla JavaScript
- Strengthened **personal branding and online presence for recruiters and employers**

Tech: HTML, CSS, JavaScript, Responsive Design, UI/UX

Eventify — Database Event Booking System

Built a production-style event booking system with the database as the single source of truth.

- Designed and implemented a fully **normalized SQL Server schema with strict constraints and relational integrity**
- Wrote advanced **SQL queries to filter events, customers, and ticket purchases across multiple relations**
- Implemented **full CRUD flows** and real-world ticket purchasing logic
- Scaffolded a **.NET Console Application using Entity Framework Core (Database First)**
- Built an **interactive admin console for managing events, customers, and ticket sales**
- Structured the project with **clean SQL scripts, clear separation of concerns, and professional GitHub workflow**

Tech: SQL Server, Advanced SQL (JOINS, FK, Constraints), C#, .NET Console App, Entity Framework Core, Database First, GitHub

SalaryCoach — AI-Driven Salary Negotiation Assistant

Built an intelligent salary negotiation tool that helps users craft data-driven and persuasive compensation discussions.

- Developed a **modern Blazor application using .NET 8 with a clean and responsive UI**
- Integrated **OpenAI (GPT-4o-mini) to generate tailored, professional salary negotiation scripts**
- Implemented logic to customize negotiation strategies based on role, experience level, target salary, and company context
- Designed the user interface with **MudBlazor** for consistent styling and intuitive interactions
- Applied **secure configuration and API key management using .NET User Secrets**
- Structured the project with **clear separation of concerns and a professional GitHub workflow**

Tech: .NET 8, Blazor Server, C#, MudBlazor, OpenAI API, GitHub

Education

.NET System Developer — NBI Handelsakademie, Gothenburg

- C# & .NET Development
- Object-Oriented Programming
- SQL & Database Design

- Web Development
 - Agile Methods
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Languages

- Swedish — Fluent
 - English — Fluent
 - Bulgarian — Native
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Career Goals & Certifications

To grow into a professional software engineer specializing in backend and fullstack development, contributing to high-quality systems while continuously improving architecture, performance, and maintainability.

- Ongoing .NET System Developer Program — NBI Handelsakademin
 - Advanced C# & Object-Oriented Programming (Academic Training)
 - SQL & Relational Database Design (Academic Training)
 - ASP.NET Core & Web Development (Academic Training)
 - Software Engineering Practices: Clean Code, SOLID, Agile (Academic Training)
 - GitHub Pull Shark ×2 — Active contributor with multiple merged pull requests
 - GitHub Quickdraw — Recognized for fast and effective pull request collaboration
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References

Nemanja Milosavljevic - InFiNet Code AB, Owner and IT Consultant - 0725131333

Arian Alikashani – Back end Developer Norion Bank - 0737456402

Adam Oliv – Back end Developer Walley – 0739099885

Rajan Mahdavi – Project Manager Volvo Group – 0721802607

Key Strengths

- Strong problem-solving mindset and system thinking
- Proven leadership from high-responsibility production environments
- Entrepreneurial execution mindset
- Highly disciplined, fast learner with long-term commitment to software engineering

