Ibrahim **Šuta**

Senior Software Engineer · Software Architect · .NET · Web · Cloud · Remote
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SUMMARY

Senior software engineer and architect with 13 years of professional experience, writing software since 2005. Deep C# and .NET expertise in ASP.NET Core, Blazor, and SignalR, plus front-end work in TypeScript, Angular, and React. Has migrated live enterprise systems from .NET Framework to modern .NET, built and rescued startup MVPs on tight deadlines, led teams of five to six engineers, and set up CI/CD on Azure, DigitalOcean, and self-managed Linux. Toptal-verified since 2018.

SKILLS

Languages	C# (13 yrs), TypeScript / JavaScript (13 yrs), SQL, HTML & CSS, Python, Rust
Backend	.NET / ASP.NET Core (10 yrs), EF Core, Blazor (6 yrs), SignalR (9 yrs), REST & OpenAPI, RabbitMQ, Azure Functions, microservices & event-driven architecture
Frontend	Blazor (Server & WebAssembly), Angular, React, Tailwind CSS, Vite, web performance & Core Web Vitals
AI engineering	LLM integrations (Claude, OpenAI), AI agent orchestration, AI-assisted development (Claude Code, Codex)
Practices	Architecture & system design, performance tuning, DDD, CQRS, automated testing (xUnit, Playwright, integration tests), code review & mentoring, Scrum/Kanban
Data & cloud	SQL Server, PostgreSQL, MySQL, Redis, Elasticsearch, SQLite, Azure (App Service, DevOps), DigitalOcean, Docker, Linux, GitHub Actions, CI/CD
Identity & auth	OpenID Connect / OAuth 2, IdentityServer, ASP.NET Identity, Auth0, Okta, Azure AD B2C, SSO, JWT

EXPERIENCE

Software Architect · Senior Software Engineer · Freelance / Toptal — 2015 – Present, *Remote*

- Architect, build, and rescue products for startup and enterprise clients, from greenfield MVPs to failing MVPs that must become production-ready on a deadline.
- Migrated multiple production systems from .NET Framework 4.x to modern .NET, from .NET Core 2.x through 3.1 to .NET 6+.
- Built an ASP.NET Core proxy gateway serving 300,000+ requests per day at a 99.99% success rate.
- Set up CI/CD pipelines from scratch on Azure, DigitalOcean, Heroku, and self-managed Linux servers.
- Led a five-person team, ran code reviews, and worked directly with clients on requirements and architecture.
- Built LLM-powered product features with Claude and OpenAI APIs, including agent orchestration and AI-assisted development workflows.

Selected client engagements:

Senior Software Engineer · Alpine Digital Group — 2020 – 2022, *Remote*

- Built and maintained integrations with dozens of partner APIs across the insurance ecosystem, keeping existing partner integrations tested and reliable.
- Refactored and optimized the core codebase powering these integrations.

Senior Software Engineer · Veridos — 2020 – 2021, *Remote*

- Re-implemented back-end services for a government identity-solutions platform.
- Integrated the back end with Camunda's process-orchestration platform and built an integration-test setup that exercises the whole application efficiently.
- Built the authentication system with IdentityServer, ASP.NET Core 5, and Angular.

Software Architect · T-Systems (Deutsche Telekom) — 2019 – 2020, *via Toptal*

- Migrated a live enterprise application from ASP.NET on .NET Framework 4.7 through .NET Core 2.2 and 3.0 to 3.1, in production throughout.
- Created and managed application environments from scratch; configured CI to build and deploy every component across Azure environments.
- Implemented the authentication system with IdentityServer, ASP.NET Core 3, and Angular.

- Evaluated technologies and wrote technical proposals tied to the client's business goals.

Software Engineer · Symphony.is — 2016 – 2017, *Sarajevo*

- Built startup products end to end: two greenfield builds and one rescue, Cabin, a hospitality-transportation startup that shipped production-ready within weeks of my joining, including its payment flow.
- Technical lead for TentCraft's embeddable, fully generic web product configurator. Designed the architecture and built the core from scratch in a few weeks.
- Built a cross-platform, self-updating Electron automation tool integrated with Adobe design software.
- Mentored engineers and reviewed code across projects.

Software Engineer · Maestral Solutions — 2015 – 2016, *Sarajevo*

- Led a six-person team building Tracker Products, a digital-evidence management platform for police: analysis, design, development, reviews, and mentoring of new members.
- Improved the performance of an application holding 5,000,000+ records.
- Implemented integrations with Facebook, Twitter, LinkedIn, Instagram, and Yelp; introduced SonarQube analysis into existing and new builds.
- Configured CI/CD with Azure, Octopus Deploy, and TeamCity.

Software Developer · Authority Partners — 2013 – 2015, *Sarajevo*

- Full-stack developer on distributed enterprise fintech systems, including one of the first fully online loan-processing platforms (CloudVirga).
- Helped rebuild a legacy application on a modern stack (AngularJS, TypeScript).
- Integrated 15+ external services over REST, SOAP, and XML: fraud detection, credit, appraisal, loan pricing, underwriting, SMS, and email.
- Deployed and maintained web applications in production across the full lifecycle.

Earlier experience — 2005 – 2015

Software developer and administrator for various clients, 2011 to 2015: web and desktop applications, a legacy gaming platform, and server administration. Self-employed, 2005 to 2008: built and ran a profitable mobile web portal with chat, forum, ratings, ads, and referrals. Writing software since 2005.

PROJECTS & WRITING

ibro.me · Personal site & technical blog — Ongoing, *ibro.me*

- Built with Blazor SSR on .NET, Tailwind CSS, and Vite, tuned for Core Web Vitals with a minimal-JS front end.

CodingBlast · Technical blog — 2017 – 2023, *codingblast.com*

- Blog on ASP.NET Core, Blazor, SignalR, Angular, and React, with tutorials and deep dives for .NET developers.

LiveGames · Real-time dueling platform — Ongoing, *side project*

- Real-time matchmaking and round-by-round duels such as math challenges and Connect 4, with per-game and global leaderboards, built on SignalR.

Wayscriber · Desktop annotation & presentation tool — Ongoing, *wayscriber.com*

- Rust desktop annotation tool for Wayland: draw over any app, present with callouts and zoom, and keep boards between sessions through a toggleable daemon.

Discord bot · Community automation — 2021, *side project*

- .NET bot with news aggregation from Twitter and Reddit, music playback with playlists, reaction-based role assignment, moderation automation, and audit logging.

EDUCATION & CERTIFICATIONS

- Computer science studies, all coursework completed, no degree.
- Pluralsight Skill IQ, Expert level: C#, ASP.NET Core, JavaScript, AngularJS.
- Languages: Bosnian (native), English (fluent).