

# Branislav Bogosavac

## Full-Stack Software Engineer

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Software engineer with experience in large enterprise codebases, full-stack development, and cloud-based architectures. Proven track record maintaining production systems, integrating third-party APIs, and delivering maintainable features within established engineering standards.

### PROFESSIONAL EXPERIENCE

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#### Leavitt Software Solutions

August 2024 – Present

##### Junior Software Engineer

- Develop and maintain enterprise web applications using ASP.NET (C#) backend and Lit-HTML/TypeScript frontend within a large, shared codebase
- Modernize legacy web pages and refactor outdated modules, reducing load times by 30–40% and cutting code complexity by 50%, improving maintainability and overall user experience.
- Build new features and resolve production issues across enterprise systems supporting 500-1,000+ employees, including third-party sales software integrations with proprietary internal tools

#### Savac+ (Sales Call Analysis Platform)

June 2025 – Present

##### Lead Software Engineer

- Built a production-ready AI SaaS for automated sales-call analysis with React/TypeScript, Node.js/Express, PostgreSQL, and AWS S3, currently deployed and used by a leading enterprise.
- Implemented asynchronous processing pipeline orchestrating multiple third-party APIs with robust error handling and fallback mechanism, achieving 99%+ analysis success rate.
- Designed multi-tenant architecture with role-based access control, row-level data isolation, and automated system audits
- Developed dynamic AI prompt generation system using parameterized templates, JSON schema validation, and customizable scoring algorithms

#### Brinks Home Security

May 2022 – August 2023

##### Security Systems Technician

- Independently installed 400+ residential security systems, achieving a 0.0025% cancellation rate (regional average: 8-10%)
- Troubleshoot hardware/software issues and worked independently after short onboarding period
- Recognized as a top technician and offered management positions

### EDUCATION

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#### Brigham Young University - Idaho

April 2021 – April 2025

B.S. in Software Engineering, Cum Laude | GPA: 3.90

Relevant Coursework: Data Structures & Algorithms (Python/C++), Object-Oriented Programming (C++/C#), Web Development (JavaScript/Node.js/Express/Angular), Database Systems (SQL/MongoDB), Mobile Development (Kotlin)

### SKILLS

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- Languages: C#, TypeScript, JavaScript, Python, C++, SQL
- Frontend: React, Lit-HTML, Angular, HTML/CSS
- Backend: ASP.NET, Node.js, Express, REST APIs, JWT, OAuth, CORS
- Database: PostgreSQL, SQL Server, MongoDB, Entity Framework
- Cloud & Tools: AWS (S3, presigned URLs), Git