

# ELVIN MARTINEZ

## Full Stack Software Engineer | C# .NET | AWS | REST APIs

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Experienced Full-Stack & Application Developer with hands-on experience delivering scalable, efficient software across desktop, web, and mobile platforms. Proficient in C#, Java, SQL and Web Development. History of improving efficiency and user experience by writing clean code aligned with business and user goals. Continuously exploring technologies to stay up to date with the evolving industry trends.

### PROFESSIONAL EXPERIENCE

#### Professor Teaching Assistant, CAMPUS EDU

May 2025 - Present

- Support roughly 60 students in online courses in the role as a mentor, coach and technical teaching assistant for various school terms.
- Facilitate weekly discussion and office hours, enhancing and reinforcing engagement.
- Partner with professors to provide support for lectures, troubleshoot technical issues in real-time and align goals with student needs.
- Simplify grading workflows using spreadsheets and CampusWire tools to improve turnaround time for assignments and student questions.

#### Full-Stack Developer, Alliant Systems

Jan 2022 - Jan 2025

- Engineered back-end improvements using C#, SQL, and ASP.NET, reducing system response time by 20% and increasing platform scalability which supported an incremental growth in user base.
- Developed and released cross-platform - desktop, web and mobile - features with JavaScript, PHP and ASP.NET, boosting user engagement by 25% and creating a 10% boost in client retention.
- Spearheaded full-stack development from concept to deployment collaborating with distinct teams to meet tight deadlines.
- Refactored legacy systems and streamlined SQL queries to achieve a 15% performance increase in high traffic operations.
- Implemented RESTful APIs and maintained strong database integration increasing efficiency and security for all data services.

#### Technical Support Specialist, Columbia University School of Social Work

Sep 2020 - Apr 2022

- Delivered technical support for online and HyFlex learning environment, resolving 95% issues in real-time to minimize class disruptions and maximize student engagement.
- Maintained scheduling and program calendars, coordinating with academic departments to ensure smooth and streamlined operations.
- Wrote and optimized communications such as emails, memos and internal guidelines to enhance clarity and decrease support request by 20%.
- Developed troubleshooting documentation and assisted with supporting staff and students reducing issue resolution time by 40%.

### EDUCATION

#### Bachelor of Science in Computer Science

SUNY Farmingdale State College

- Relevant coursework in Software Development

### ADDITIONAL INFORMATION

- **Technical Languages & Frameworks:** C#, Java, Python, JavaScript, React, Node.js, HTML, CSS, ASP.NET Core, .NET Framework
- **Tools & Platforms:** AWS (EC2, S3, Lambda, RDS), Visual Studio, VS Code, Android Studio, Git, Linux
- **Database:** Microsoft SQL Server, MySQL, SQLite
- **Concepts:** Object-Oriented Programming (OOP), REST APIs, Agile/Scrum, CI/CD Pipelines, Microservices