Sujin Lee

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SUMMARY

I specialize in building scalable, secure software and solving real-world problems through both development and quality assurance. With full-stack experience in C#, ASP.NET, and MS SQL, combined with hands-on product QA expertise, I bridge the gap between engineering and product stability. I've resolved critical post-launch issues by analyzing LTE/VoLTE logs, coordinating with global R&D teams and carriers, and automating testing with Python and Java.

EXPERIENCE

TraxId, **Jr. Software Engineer**

Jan 2026 - Current

• Developing and maintaining a production microservice using C#, .NET, and Microsoft Azure to support oil & gas field inspection tracking, workflow orchestration, and data processing in a distributed system environment.
• Designed a SQL Server–backed, template-based architecture to customize inspection workflows and reporting per client, improving scalability and reuse across multiple enterprise customers.

Samsung Electronics America, **Software Tester**

May 2025 – Nov 2025

• Collected and managed market response, claims, and issues developing Python web scrapers, enabling rapid sensing and response to post-launch product issues.
• Process/analyzed big data to identify emerging trends and issues for newly launched products, providing actionable insights and proposals to senior management for future projects.

TraxId, **Software Development Intern**

Feb 2024 - Dec 2024

• Performed functionality and system testing of new features, reducing error rates and ensuring robust performance, adhering to Agile practices.
• Designed, built, and maintained APIs, improving data integration and accessibility, and built a global exception and error logging middleware to streamline error tracking and resolution.

J&H Trading Co, **Web Administrator Assistant**

Apr 2023 - Oct 2023

• Modified and managed e-commerce website using HTML, CSS, and PHP code for each season and promotion, enhancing user experience and engagement.
• Improved UI/UX via modern designed graphics and JavaScript functions, increasing user satisfaction.
• Updated users on new and sale products, boosting sales conversion.

PROJECT

Aero Aware – graduation project sponsored by RTX. Using XgBoost, CatBoost, Neural network find best model using weight comparison (Python, Bigdata, NumPy, Panda, React, Flask API, Restful API, Clean architecture)
Supermarket Pro – inventory management web app using MVC, least privilege rule, C#, DotNet, Bootstrap, JS, MySQL
AP (kinematics) Game – calculating velocity, acceleration, wind resistance by using time, distance in game environment
INFOGO – 2024 UTD Hackathon with Infosys. Value stock market using LLM, TypeScript, Python, DotNet, AWS, MongoDB

EDUCATION

University of Texas at Dallas **Software Engineering** Graduated Spring 2025 w/ 3.7 G.P.A.

College of Southern Nevada **Computer and Information Technology** Graduated Spring 2022 w/ 4.0 G.P.A.

LICENSES & CERTIFICATIONS

Microsoft Azure Certified: AZ-900 Issued Jan 2025

AWS Certified Developer Issued Mar 2023

IBM Enterprise Design Thinking Practitioner Issued Jul 2023

Git & GitHub Bootcamp Issued Aug 2022

SKILLS

C# • jQuery • SOAP • AWS • Azure • MS SQL • .NET • MVC • Java • Python • HTML/CSS • Bootstrap