

# TAYLOR SPEAR

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## Front-End Developer

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### SUMMARY

Software developer with extensive experience building secure, cloud-native applications using React.js, React Native, and Next.js, with backend proficiency in Python and C#. Skilled in developing scalable, responsive UIs and serverless APIs across AWS and Azure for enterprise and government clients.

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### WORK EXPERIENCE

#### Software Developer, Rental Monitoring Solutions - Atlanta, GA

August 2024 - Present

- Built the new company website from scratch using React.js, Next.js, and TypeScript with a strong focus on modular architecture and component reusability.
- Applied React.js best practices to ensure scalable structure, optimized performance, and responsive UI across modern browsers.
- Architected cloud-native solutions using AWS services including API Gateway, Lambda, CloudWatch, S3, and IAM for secure and efficient serverless deployments.
- Designed and deployed scalable RESTful APIs using Python and AWS Lambda, reducing infrastructure overhead and supporting rapid iteration.

#### React Developer , Agency Q - Bethesda, MD

Oct 2022 - April 2024

- Delivered dynamic, client-facing web applications using React.js and integrated with Sitecore Headless CMS, supporting a range of government and enterprise clients with unique business requirements.
- Refactored C# MVC frontend architecture into a modular React.js component system, enabling faster development cycles, better UI state handling, and smoother client-side interactivity.
- Designed and deployed containerized microservices using Docker, streamlining development and environment parity across dev/stage/prod.
- Collaborated with cross-functional teams and government stakeholders to meet compliance, accessibility, and security standards for federal contracts (e.g., Section 508, FISMA).
- Actively participated in Agile sprint planning, code reviews, and CI/CD pipeline improvements for high-availability deployments.

#### Front-End Developer (Contract - Angular), UPMC, Pittsburgh, PA

July 2022 - Oct 2022

- Developed the front end of a secure internal web application using Angular, enabling network security teams to carry out day-to-day operations on a modernized platform.
- Collaborated with backend developers and cybersecurity personnel to ensure seamless API integration and secure data handling across all modules.
- Deployed and maintained the application within Microsoft Azure, leveraging cloud services for hosting, CI/CD pipelines, and secure authentication.

Dec 2021 - June 2022

#### Front-End Developer, General System Corporation, McLean, VA

Apr 2024 - July 2024

- Developed and maintained modular front-end applications using Vue.js, React, and Angular for various client projects, ensuring consistency and performance across frameworks.
- Supported cloud-native infrastructure initiatives, integrating frontend apps with cloud services and ensuring deployment readiness across dev and staging environments.
- Created reusable component libraries and documentation to streamline development for cross-functional teams.

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## EDUCATION

**Monore College**

**2013 - 2015**

**Gwinnett Technical College**

**2025**

Engineering Technology Degree

- Associate of Applied Science

**AWS Certified Solutions Architect**

**2022-2026**



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## ADDITIONAL SKILLS

- Technical Skills: REACT.JS, REACT NATIVE, ANGULAR, NEXTJS, VUE, JAVASCRIPT, HTML5/CSS3, C#, PYTHON, NODE, AWS, AZURE, DOCKER, GRAPH QL, SQL, HUBSPOT, BOOTSTRAP, ASP.NET MVC, OAUTH2, JWT, AGILE SCRUM