**GARRET TULLIO**

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**Software Development Engineer**

**Enthusiastic and detail-oriented Junior Software Engineer** with hands-on experience in web development and cloud technologies. Skilled in programming languages including JavaScript, Python, and Java, with a solid foundation in frontend and backend development. Proficient in utilizing AWS services to build scalable and resilient applications. Proven ability to collaborate effectively in team environments, solve complex problems, and adapt quickly to new technologies. Eager to contribute positively to a dynamic software development team while continuously enhancing technical skills and expertise.

**CORE COMPETENCIES**

* Software Development
* Programming
* Web Development
* Agile Methodologies
* Algorithms
* Version Control Systems
* Frontend Development
* Backend Development
* Performance Optimization
* Test-Driven Development (TDD)
* Cloud Computing
* AWS (Amazon Web Services)

**PROFESSIONAL EXPERIENCE**

**Amazon - Seattle, Washington**

**Software Development Engineer 1 August 2021 – November 2022**

* Implemented continuous integration and deployment (CI/CD) pipelines to automate software testing and deployment processes, resulting in faster release cycles and improved software quality.
* Contributed to architecture discussions and design reviews, driving technical innovation and ensuring scalability and maintainability of Alexa Shopping services.
* Spearheaded initiatives within the Alexa Shopping organization to enhance customer shopping interactions with Alexa, resulting in more natural and intuitive conversations.
* Designed and implemented a cloud-native automated approval system for Alexa changes, streamlining workflows and reducing approval turnaround time

**Software Development Engineer Intern July 2020 – September 2020**

* Led the development of a mission-critical service for Amazon's Kindle Direct Publishing, streamlining team workflows and boosting productivity.
* Successfully implemented an innovative AWS ECS solution, enabling smooth transition to cutting-edge AWS technologies and enhancing system performance.
* Drove significant operational efficiencies through the deployment of a dynamic system, optimizing resource utilization and reducing overhead costs.
* Collaborated with cross-functional teams to gather and refine requirements, ensuring alignment with strategic business goals and project milestones.

***Notable Achievements***

* Engineered a caching system that significantly improved the performance of a critical system, reducing latency by over 30% and enhancing overall system responsiveness.
* Developed a user-friendly web application using React, empowering customers to create personalized Alexa experiences within hours, accelerating feature deployment and adoption.

**Construction Laborer - Big Island Grown February 2023 - March 2024**

**EDUCATION**

**Bachelor's Degree in Computer Science – University of Washington, Tacoma 2017 – 2021**

**TECHNICAL SKILLS**

* **Programming Languages:** Java, TypeScript/JavaScript, Python, C, Kotlin
* **Web Technologies:** HTML, CSS, React, Django, jQuery, Node.js, Cypress, Jest
* **Cloud Platforms & Tools:** AWS CDK, AWS Lambda, AWS Step Functions, AWS ECS