Web Portfolio: **joshrhee.com**   **Sang June Rhee**   joshua999995@gmail.com
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Education

Georgia Institute of Technology   *May 2020 – August 2024*
Bachelor's Degree: Computer Science

Skills

Programming Language / Frameworks: JavaScript, Typescript, React, Remix, Next.js, Python, Three.js, Node.js, Golang, Java
Clouds/Technologies: MongoDB, AWS (Lambda, API-Gateway, EC2, S3, DynamoDB, Firehose, RDS, CDK), Figma, Unity
Coursework/Certificate: Cloud Computing, DevSecOps for Cloud Computing, Computer Graphics, AlgoExpert Certificate

Experience

Software Engineer | *Itential*   *January 2024 – Present*
• Currently, architecting and implementing the Frontend codebase for a new Saas product..
• Implemented a new Frontend query pattern with **React-Query** for other engineers' better utility and code readability.
• Pioneered the development of an internal tool for the main platform, resulting in **15%** reduction in employee manual efforts. This tool efficiently retrieved information from the platform, automating updates to the Confluence pages.
• Skillfully executed projects with **React.js**, **JavaScript**, **React-Query**, **Node.js**, **MongoDB,** and **Figma**.

Software Engineer Intern | *Samsung Electronics*   *June 2023 – August 2023*
• Optimized workload of **300-**member engineer team's operations by creating an automated CI/CD dashboard. It rapidly builds, deploys, and releases Docker images, boosting productivity.
• Tailored the deployment tool to meet the **Vice President's** reporting needs, aiding data-driven decisions. Supported critical customer meetings through system enhancements.
• Managed Dashboard operations for real-time deployment status using **React.js**, **TypeScript**, **React-Query**, **Python**, **Flask**, **WebSocket**, **MongoDB**, **Jenkins**, **Docker**, **Chakra-UI, SCSS, Figma, Perforce(P4),** addressing technical challenges for code scalability and user experience.

Software Engineer | *Queues*   *August 2022 – March 2023*
• Amplified the scalability of the Dashboard's university information by an impressive **50%**, utilizing **React.js, JavaScript**, and **Redux.**
• Enhanced the efficiency of API requests by **50%** through strategic edits to the API router, resulting in a more streamlined data retrieval process with **Python, AWS Lambda**, and, **DynamoDB**.
• Resolved latency issues in the Dashboard's User Interfaces stemming from asynchronous data fetching. This was accomplished through a meticulous overhaul of the Frontend component architecture.

Quality Assurance Engineer Intern | *Amazon*   *May 2022 – August 2022*
• Devised a comprehensive test plan for Amazon Alexa's music request service that is requested **92k** per month, significantly reducing monthly service-related bugs.
• Rewrote the team's automation testing scripts, leading a remarkable **90%** increase in automation test pass rates. Implemented with **Java, AWS EC2**.
• Elevated my proficiency in Testing Plan development, specializing in highly specific and infrequent test scenarios. Actively participated in mentor's review processes, gaining a diverse perspective on testing strategies.

Leadership

Squad Leader of Combat Medic | *South Korea Army*   *December 2015 –September 2017*
• Led **7** combat medics, fostering a culture of excellence through one-on-one mentoring and collaborative teamwork to provide **Top-tier services to customers**.
• Supervised and directed medical procedures alongside doctors in both training and real situations.
• Conducted comprehensive team debriefs to dissect daily challenges, paving the way for **continuous improvement** and **future successes**.