

EMPLOYMENT

Software Engineer **Amazon Japan G.K.** **Mar 2023 – Present**

- Currently working within the Points loyalty program team, developing services powered by AWS to deliver a seamless experience of earning & redeeming loyalty reward (Amazon Points, d POINTs) to customers using Amazon's retail website.

Software Engineer Intern **Amazon.com, Inc.** **May 2022 – Aug 2022**

- Built a highly customizable frontend carousel component to be displayed to customers across 25 countries during high-velocity events (200M+ traffic) such as Prime Day, Black Friday, and Cyber Monday.
- Offered extensive customization options for styling, content, layout, and animations to accommodate various business requirements.
- Ensured production quality and robustness through comprehensive testing (unit, integration, E2E), metric dashboards, and alarms.

Software Engineer Intern **KPMG Ignition Tokyo** **Jan 2021 – Jul 2021**

- Developed both the frontend (React, TypeScript) and backend (Python, Django) of a document search service web application used by KPMG Japan auditors.
- Engineered the core logic and backend of a Python package that streamlines vouching tasks performed by KPMG Japan auditors.

Software Engineer Intern **UKG (Ultimate Kronos Group)** **Sep 2020 – Dec 2020**

- Reduced deployment time of Data Warehousing services from over 5 hours to approximately 1 hour and increased pipeline success rates by 30-40% through automation scripts and Docker containerization.
- Enhanced acceptance testing efficiency by implementing an automated weekly creation of a fully configured sandbox environment, featuring Microsoft SQL databases, MongoDB, RabbitMQ, .NET applications on Kubernetes, and virtual machines.

EDUCATION

Atlanta, GA **Georgia Institute of Technology** **Aug 2018 – Dec 2022**

- B.S. in Computer Science, GPA: 3.7/4.0, Highest Honor
- Coursework: Data Structures, Algorithms, Software Design & Engineering, Databases, Security, Networks, Object-Oriented Programming, Computer Architecture, Computer Graphics, Info Visualization, Privacy.

PROJECTS

- **Transportation Fatalities Viz** (2022). Simple visualization tool exploring the progression of transportation fatalities across different transportation modes from 1975-2020. JavaScript, D3
- **NeoCirc** (2021-2022). Educational platform for teaching Doctors, Nurses, and Parents about neonatal circumcision. React with Hooks, styled-components, React bootstrap, React router
- **Portfolio** (2021). Personal website showcasing my career/experience in a prettier format than this resume. Visit the website at masakia.com! React with Hooks, styled-components, TypeScript

SKILLS

- **Programming Languages:** Java, Kotlin, TypeScript, JavaScript, Scala, SQL, Python, Bash, PowerShell, C
- **Technologies:** AWS, React, D3, Spring, Docker, Apache Spark, Django, MobX, styled-components, Microsoft SQL, RabbitMQ, Cypress, Node.js, PostgreSQL, MongoDB, MySQL, Kubernetes
- **Tools:** Git, Postman, Redgate Deploy, JIRA, Azure DevOps, Visual Studio, IntelliJ
- **Languages:** Natively Fluent in English & Japanese