

## EMPLOYMENT

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<b>Software Engineer Intern</b>	<b>Amazon</b>	<b>May 2022 – Aug 2022</b>
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- Developed a fully 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.
- Ensured production quality through robust unit tests, E2E tests, and metric dashboards & alarms.
- Implemented responsive design for supporting desktop, tablet, and mobile devices.

<b>Software Engineer Intern</b>	<b>KPMG Ignition Tokyo</b>	<b>Jan 2021 – Jul 2021</b>
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*Document search service (Mar – Jul)*

- Developed both the frontend (React Hooks, TypeScript) and backend (Python Django, PostgreSQL) of a document search service web application used by KPMG Japan auditors.
- Implemented a content management portal where admin users can add, edit, delete, and track the visibility of audit documents that the end-users can search through the engine.
- Designed PostgreSQL tables for the different types of audit documents available for search.

*Vouching automation (Jan – Mar)*

- Developed the core logic & backend of a python package that automates vouching tasks performed by KPMG Japan auditors.
- Implemented validation, prediction, and mapping functionality for excel inputs using pandas.

<b>Software Engineer Intern</b>	<b>UKG (Ultimate Kronos Group)</b>	<b>Sep 2020 – Dec 2020</b>
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- Developed and maintained CI/CD pipelines on TeamCity, reducing the deployment time of Data Warehousing services from +5 hours to ~1 hour and increasing the pipeline success rate by 30-40%.
- Boosted the efficiency of acceptance testing & analysis by implementing an automated weekly creation of a fully configured sandbox environment containing Microsoft SQL databases, MongoDB, RabbitMQ, .NET applications on Kubernetes, and virtual machines.
- Improved the portability & accessibility of company databases by creating an automated dockerization process for Microsoft SQL databases.

## EDUCATION

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<b>Atlanta, GA</b>	<b>Georgia Institute of Technology</b>	<b>Aug 2018 – Dec 2022</b>
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- B.S. in Computer Science, GPA: 3.6/4.0
- Coursework: Data Structures, Algorithms, Software Design & Engineering, Databases, Security, Networks, Object-Oriented Programming, Computer Architecture, Computer Graphics, Privacy.

## PROJECTS

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- **NeoCirc** (2021-2022). Educational platform for teaching Doctors, Nurses, and Parents about neonatal circumcision. React.js 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.js with Hooks, styled-components, TypeScript

## SKILLS

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- **Programming Languages:** Java, JavaScript (ES6), TypeScript, Python, Bash, PowerShell, SQL, C (Familiar)
- **Technologies:** React.js (Hooks, Router), Docker, MobX, styled-components, Django, Pandas, TeamCity, Microsoft SQL, RabbitMQ, Cypress, Node.js (Familiar), PostgreSQL (Familiar), MongoDB (Familiar), MySQL (Familiar), Kubernetes (Familiar), Express.js (Familiar)
- **Tools:** Git, Postman, Redgate Deploy, JIRA, Azure DevOps, Visual Studio, SSMS, Vault (Hashicorp), Artifactory
- **Languages:** Natively Fluent in English & Japanese