

# SAMUEL B. GAMAGE

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<https://samgamage.dev>

## Summary

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- Experienced software engineer with 3+ years' experience working in development teams to produce high-quality software utilizing a wide range of technologies, programming languages, and agile methods that resulted in high quality mobile applications and web user experiences. Incredibly self-motivated and determined individual who balances incredible academic performance with high-quality professional work.

## Education

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**Georgia Institute of Technology**, Atlanta, GA

**Fall 2019 - Present**

- Candidate for Bachelor of Science in Computer Science
- Specializing in: Artificial Intelligence and Media

Graduation Date: May 2022

GPA: 3.9/4.0

## Work Experience

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**Data Fusion Specialists (DFS)**, Rome, GA

*Full Stack Developer*

**June 2021 – Present**

- Designed and developed a RESTful API using microservices with Node.js and Python for a conversational AI assistant platform.
- Implemented event-based architecture across all our microservices using Apache Kafka which allowed us to maximize application efficiency, data quality, scope, operability, and flexibility.
- Worked closely with development team including product manager, developers, and QA to determine problems, testing methods, and best practices.
- Optimized the creation of demos by creating an application which can automatically train and provision resources to create a custom chat demo from a small set of data, reducing turnaround time by 30%.
- Deployed services to staging and production environments on AWS EKS and setup automated CI/CD workflows for testing and deployment to Kubernetes.

*UI Software Developer*

**June 2019 – June 2021**

- Designed and implemented a customizable conversational chat widget utilizing JavaScript, TypeScript, Tailwind CSS and React.js that can be embedded onto a website.
- Wrote 50+ unit and integration tests to verify the functionality and accessibility of chat widget user interface and connectivity to backend systems.
- Designed and developed a reusable, well-tested React component library and design system with Figma and Storybook.js for visual testing and documentation.
- Rebuilt the [company website](#) using Gatsby.js utilizing content sourced via GraphQL from a CMS resulting in a performant site and increasing our number of monthly visitors by 50%.

**Florida Institute of Technology**, Melbourne, FL

*GUI Developer*

**October 2018 – June 2019**

- Worked with a team of skilled designers and engineers to create a suite of dashboard components in React to be used in an aircraft assembly line management application.

## Projects

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**Med Manager**

**January 2021 – May 2021**

- Worked with a team of engineers through Georgia Tech to design and develop a cross-platform medication tracking app for our client Viva Life using React Native, Node.js, and MongoDB.
- Developed majority of the frontend screens, components, routing, state management library, and critical backend functionality utilizing agile planning with 2-week sprints and daily standup meetings.

## Skills

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**Languages:**

JavaScript, TypeScript, HTML/CSS, Python, Java

**Frontend Technologies:**

React.js, React Native, Gatsby.js, Next.js, D3.js

**Backend Technologies:**

Node.js, Docker, Kubernetes, MongoDB, Redis

**Other:**

Git, Agile/Scrum, Azure, AWS, Linux, Bash