

# 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. An 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 that 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 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%.

Embraer, 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