

Ajani Green

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Education

The University of the West Indies

(September 2022 - May 2025)

B.S. Software Engineering

- **Relevant Coursework:** Software Engineering, Discrete Mathematics, Dynamic Web Development I, Object Oriented Programming

Campion College

(September 2015 - July 2022)

Honour's High School Diploma

Projects

DreamLogger

(2023 - Present)

Solo Contributor and Maintainer

- Developed a feature-rich dream logging platform using Next.js, TypeScript, and Prisma, seamlessly integrating AWS services for scalability in over 5,000 lines of code.
- Designed and implemented a captivating front-end with custom components, global state management, and efficient data fetching, ensuring a secure user experience through HTTPS, client-side encryption, and secure cookies.
- Implemented robust user authentication and authorization with Next-Auth, Google's OAuth provider, and various security measures, guaranteeing data protection and privacy.

Green's Restaurant & Pub Management Website

(2022 - Present)

Solo Contributor and Maintainer

- Streamlined inventory management processes, allowing users to create, manage, and analyze inventory data effortlessly in over 7,500 lines of code.
- Utilized historical data analysis to provide actionable insights for optimizing stock levels and enhancing operational efficiency.
- Implemented a location-specific inventory management system, enabling smooth tracking and movement of items between areas.
- Designed and integrated an invoice generation module with high configurability, facilitating accurate and flexible customer billing.

Robertify

(2021 - Present)

Solo Contributor and Maintainer

- Developed a music bot that seamlessly integrates with a wide range of music sources, including YouTube, Spotify, Apple Music, Deezer, catering to diverse user preferences.
- Ensured the bot's high customizability, allowing users to tailor its functionality to their specific needs and preferences, enhancing the user experience.
- Demonstrated proficiency in architecting and managing interconnected microservices, utilizing technologies such as NestJS, Java Spring, Ktor, and Redis. This approach enhances system scalability, performance, and responsiveness.
- Deployed the bot, serving a vast and diverse user base of over 800,000 individuals worldwide, showcasing the project's significant reach and influence within the user community.

Work Experience

Arcim LLC

(2020 - 2021)

Content Developer

- Constructed feature ideas for gameplay content and outlined technical requirements for new content implementation. Implemented content that resulted in a 666% increase in average daily users.
- Participated in collaborative team activities focused on the conception, development, and production of products.
- Managed and produced the graphic design for product marketing.

Skills

Programming Languages: Kotlin, Java, Javascript/Typescript, CSS, HTML, C/C++, Python, SQL

Programming Frameworks & Libraries: ReactJS, Next.js, Express, NestJS, TailwindCSS, Sass, Java Spring

Activities

- Engaged in an Artificial Intelligence hackathon organized by the Jamaica Technology and Digital Alliance, contributing to the generation of innovative ideas for the practical application of Artificial Intelligence in society.