Ajani Green

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LinkedIn | **GitHub**

Education

The University of the West Indies   **(September 2022 - Present)**
B.S. Software Engineering

Projects

Robertify   **(2021 - Present)**
Solo Contributor and Maintainer
- Sophisticated music-playing bot used by 800,000+ people worldwide. Sources music from YouTube, Spotify, Apple Music, Deezer, Vimeo, Soundcloud, Bandcamp and local audio files (MP3, WAV, OGG…). Implemented using Java and Kotlin. Highly customizable.
- Uses multiple interconnected microservices such as a NestJS REST API, Java Spring, Ktor, and Redis. Uses a non-relational database management system (MongoDB).
- Includes a website where the bot could easily be customized through a dashboard with a beautiful user interface. Made using Next.js (ReactJS) using Typescript, TSX, TailwindCSS and Sass

Green's Restaurant & Pub Management Website   **(2022 - Present)**
Solo Contributor and Maintainer
- Management dashboard for Green's Restaurant and Pub. Handles the company's stock, users and invoices.
- Created with Next.js (ReactJS) using Typescript, TSX and Sass.
- Includes employment of robust authentication and authorization services (JSON Web Token, bcrypt).

The Car Mart   **(2023 - Present)**
Collaborative Contributor and Maintainer
- Management dashboard for a car mart. Facilitated customizable company general locations and nested stores for these locations. This is a personal project that was created for educational purposes.
- Used Angular.js for the front end. Typescript, HTML, Sass, and TailwindCSS were employed.
- Used Nest.js for the back end. Typescript and other microservices like Redis were employed. Used robust authentication guards (JSON Web Token) and implemented a custom authorization guard using binary arithmetic and bitwise operations. Used MongoDB as the database management system.

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.
- Indulged in team exercises for product conception, development and production.
- Managed and produced the graphic design for product marketing.
- Exposed to professional strategies for efficient teamwork. Used technologies such as Slack, for communication and Notion for project planning.

Skills

Programming Languages: Kotlin, Java, Javascript/Typescript, CSS, HTML, C/C++, Rust (Beginner), Python, SQL
Programming Frameworks & Libraries: ReactJS, Next.js, Express, NestJS, TailwindCSS, Sass, Java Spring
Interests: Software Engineering, Big Data, Web Design, Mobile App Development, Microservice Architecture, Machine Learning/Artificial Intelligence, Graphic Design, Content Creation