

# Ajani Green

[contact@ajani.me](mailto:contact@ajani.me) | (876) 567-3089 | Kingston, Jamaica

[LinkedIn](#) | [github.com/bombies](https://github.com/bombies) | [ajani.me \(Portfolio\)](http://ajani.me)

## EDUCATION

**The University of the West Indies** (B.S. Software Engineering | 3.97 GPA) **(September 2022 - November 2025)**

- **Relevant Coursework:** Analysis of Algorithms (Data Structures & Algorithms), Object Oriented Programming, Object Oriented Design & Implementation, Software Engineering, Dynamic Web Development, Discrete Mathematics

**Campion College** (Honour's High School Diploma)

**(September 2015 - July 2022)**

## WORK EXPERIENCE

### Particular Presence Technologies Ltd

**(June 2024 - June 2025)**

*Software Development Intern (June - August 2024) | Contract Software Developer (September 2024 - June 2025)*

- Led the design and deployment of a scalable web application using **AWS Lambda, DynamoDB, S3, CloudFront, SNS, SQS, ECS, OpenSearch, and Rekognition**, delivering over **40,000 lines of code** across **360+ hours** of development.
- Spearheaded team efforts in an **Agile environment**, improving code quality and velocity through feature iteration, code reviews, and bi-weekly demos – resulting in a **50% increase in team efficiency**.
- Built a robust **CI/CD framework** to automate build verification and environment provisioning, cutting manual intervention by **15+ hours per week**.
- Utilized **Infrastructure as Code with SST** to orchestrate and automate AWS infrastructure, improving deployment reliability and simplifying environment management.

### Freelance Web Development

**(January 2024 - January 2025)**

- Built responsive, user-focused web applications with **ReactJS** and **TypeScript**, ensuring cross-browser compatibility and optimized performance across devices.
- Led end-to-end project execution – from wireframing and design to deployment – collaborating with clients to align features with business goals and iterating based on feedback to improve UX and drive engagement.

## PROJECTS

### Lumi | AWS, Next.js, tRPC, TypeScript (*Solo Contributor and Maintainer*)

**(March 2025 - Present)**

- Built a serverless Progressive Web App with **Next.js (OpenNext)**, **AWS Lambda**, **DynamoDB**, and other **serverless tools**, offering features like daily affirmations, video sharing ("Moments"), and a collaborative music recommendation/rating system – developed over **180+ hours** and **20,000+ lines of code**.
- Architected **real-time communication** via **AWS IoT Core (MQTT)** and **WebSockets**, enabling instant presence tracking, messaging, and notifications with device-specific handling.
- Designed asynchronous data pipelines using **DynamoDB Streams + Lambda** to handle media deletion, relationship updates, affirmation delivery, and thumbnail generation via FFmpeg.
- Implemented a **cross-platform push notification** system with multi-service support for iOS, Android, and desktop, ensuring reliable delivery through service workers and **topic-based routing**.
- Employed **Infrastructure as Code (IaC)** with SST, drastically improving local testing, deployment consistency, and iteration speed throughout development.

### Robertify | Kotlin, Next.js, NestJS, Redis, Spring (*Solo Contributor and Maintainer*)

**(September 2021 - September 2024)**

- Developed a music bot that seamlessly integrates with various music sources, including YouTube, Spotify, and Deezer, catering to diverse user preferences.
- 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.
- Demonstrated proficiency in architecting and managing interconnected microservices, utilising technologies such as **NestJS, Java Spring, Ktor, and Redis**.

### MD-GPT | ReactJS, Next.js, Python, FastAPI (*Contributor*)

**(September 2023)**

- Developed an innovative web application during an AI hackathon hosted by the Jamaica Artificial Intelligence Alliance (JAIA), leveraging **artificial intelligence (AI)** to aid healthcare professionals in diagnosing patients
- Utilised a **GPT-3.5 turbo** model fine-tuned on **100,000** real-life doctor-patient conversations, ensuring the application delivers accurate and contextually relevant diagnostic support to medical professionals.

## SKILLS

**Certifications:** AWS Partner: Technical Accreditation

**Programming Languages:** Kotlin, Java, Javascript/TypeScript, CSS, HTML, C/C++, Python, SQL, Bash

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