

Ajani Green

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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 - August 2024)
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Software Development Intern

- Designed and implemented a scalable web application from inception to deployment using **AWS services**, including Lambda, DynamoDB, S3, CloudFront, SNS, SQS, ECS, OpenSearch, and Rekognition.
- Assumed the mantle of team lead in an agile development environment, consistently reviewing and refining code, iterating on features, and delivering progress updates in bi-weekly demos, resulting in a 50% increase in team efficiency.
- Designed and implemented a **CI/CD pipeline** to automate build, test, and deployment processes, including automatically creating isolated production environments for each merge request, resulting in a **30% increase** in productivity.
- Implemented and orchestrated various AWS services using **Infrastructure as Code (IaC)** tooling such as SST, automating deployment processes and improving infrastructure management.
- Delivered a **20,000+ line project** after **300+ hours of development**, resulting in high client satisfaction with the final product.

Freelance Web Development

(January 2024 - Present)

- Designed and developed responsive, user-centric websites using **ReactJS** and **TypeScript**, ensuring seamless performance across all browsers and devices.
- Collaborated closely with clients to understand their unique business goals, translating them into intuitive, functional web applications that drive engagement and conversions.
- Managed the full **web development lifecycle**, from initial concept and wireframing through to testing, deployment, and ongoing maintenance, ensuring timely and efficient delivery of projects.
- Proactively identified and resolved **complex web development** issues, maintaining high standards of quality and performance while staying current with emerging technologies and trends.

PROJECTS

DreamLogger ReactJS, Next.js, TypeScript, Prisma, AWS	<i>(Solo Contributor and Maintainer)</i>	(October 2023 - Present)
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- Designed and implemented a captivating front-end with custom components, global state management, and efficient data fetching, ensuring a secure user experience through HTTPS, asymmetric client-server encryption, and secure cookies.
- Deployed DreamLogger on AWS, leveraging services such as S3, CloudFront, and Route53, leading to a **50% reduction** in page load times and enhancing scalability to accommodate a **10x increase** in user traffic.
- Implemented robust user authentication and authorization with Next-Auth, Google's OAuth provider, and various security measures, guaranteeing data protection and privacy.

Robertify Kotlin/Java, ReactJS, Next.js, NestJS, Redis, Spring	<i>(Solo Contributor and Maintainer)</i>	(September 2021 - Present)
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- Developed a music bot that seamlessly integrates with a wide range of 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, utilizing technologies such as **NestJS, Java Spring, Ktor, and Redis**.

MD-GPT ReactJS, Next.js, Python, FastAPI	<i>(Contributor)</i>	(September 2023)
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- 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
- Utilized a **GPT-3.5 turbo** model fine-tuned on **hundreds of thousands** of 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, TailwindCSS, Sass, Java Spring