

# Ian Nathan Software Engineer

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## EDUCATION

### AWS Certified Cloud Practitioner (CLF)

Amazon Web Services (AWS)

Nov 2023

### Fullstack Academy Web Development Bootcamp

Full-time, Full Stack Javascript Web Development Immersive

April 2023

### University Of Maryland

Bachelor of Science in Information Systems (GPA 3.7)

May 2021

## EXPERIENCE

### Technical Services | Regent Education | Frederick, MD

Oct 2023 - Present

- Establish sFTP access, whitelist IP addresses, and set database access to ensure clients' data integrity and confidentiality
- Create custom client dashboards to view Jira tickets with interactive charts and lists, resulting in increased efficiency
- Analyze financial aid documents, ensuring accuracy and proper formatting for seamless data migration into the system
- Update and create comprehensive documentation using Confluence to facilitate onboarding and guidance for the team

### Software Engineer (Contract) | Grizz | Raleigh, NC

Jul 2023 - Present

- Lead the creation of SaaS platform for expediting sales prospecting through refined job listing searches, expediting prospecting process by over 90%
- Spearhead development of the platform's front end, architecting the design, authentication process, and dashboard
- Harvested critical insights from over 5,000 job listings, seamlessly integrating them into gRPC API
- Engineer accessible and user-friendly website, implementing design and functionality to adhere to WAI-ARIA standards

### Excel Consultant | Freelancer | Germantown, MD

Oct 2020 - Feb 2023

- Maintained and correct Excel spreadsheets for financial aid SaaS company to increase automation efficiency
- Implemented 80% more efficient process for forecasting hours and employee allocation through 2025
- Compiled data from \$2 million in billings and 25,000 employee hours into summarized tables for upper management
- Wrote 8 scripts using Excel VBA to automate invoice generation, removing all manual processes

### Owner | Square Poseidon E-Commerce | Germantown, MD

Dec 2019 - Nov 2021

- Operated a business selling various products on Amazon with 250 units in sales in the first month
- Optimized Amazon pay-per-click ads resulting in a 100% ROS and ranking products on page one for main keywords
- Sourced and sold 1000+ units of product through meticulous sample and innovation process

## TECHNICAL PROJECTS

### QuickType | [quick-type.netlify.app](https://quick-type.netlify.app)

- Created a speed typing site to improve typing speed and accuracy through a variety of exercises and drills
- Visualized user performance over time and displayed leaderboards with Nivo Charts and D3
- Grew user base with over 3500+ tests taken resulting in vibrant and engaged community
- Built with TypeScript, React, Redux Toolkit, Tailwind CSS, Nivo, Supabase, PostgreSQL

### Plants & Co | [plants-and.co](https://plants-and.co)

- Deployed an e-commerce plant site selling a diverse selection of indoor plants with Stripe integration
- Collaborated to conduct code reviews, handle bug fixes, and design comprehensive unit test cases
- Designed a visually compelling and user-friendly UI resulting in enhanced user experience and improved functionality
- Engineered API for data delivery, ensuring precise status codes, error management, and optimized database queries

### Clean Pl8 | [cleanpl8.vercel.app](https://cleanpl8.vercel.app)

- Simple, clean, and social recipe platform enabling users to share, like, and comment on recipes
- Utilized Next.js and Vercel to leverage server-side rendering, efficient caching, and enhance UI speed
- Architected backend with Google Firebase for serverless functions, OAuth, and NoSQL database management
- Developed an API with role-based access for secure data handling, enabling user-specific read/write/delete operations

## TECHNICAL SKILLS

**Proficient:** SQL, Javascript, Typescript, Python, React, Redux, Git, HTML, CSS, Tailwind, Node, Firebase, REST APIs, Excel

**Knowledgeable:** Jira, Java, NoSQL, Next.js, Netlify, Render, Supabase, Express