

Ian Nathan Software Engineer

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EDUCATION

Amazon Web Services (AWS) Certified Cloud Practitioner (CLF)

Nov 2023

Fullstack Academy Web Development Bootcamp

April 2023

University Of Maryland, B.S 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 safety
- Developed client dashboards for viewing Jira tickets, with interactive charts and tables using Ruby and deployed to Google Cloud Platform (GCP), enhancing data visualization and client access to real-time insights
- Analyze financial aid documents, ensuring accuracy and formatting for seamless data migration into the system
- Update and create comprehensive documentation using Atlassian Confluence to streamline team onboarding and provide detailed guidance, improving team efficiency and knowledge sharing

Software Engineer | Grizz | Raleigh, NC

Jul 2023 - Present

- Lead the creation of a SaaS platform for expediting sales prospecting through refined job listing searches, improving the prospecting process by over 90%
- Spearhead the frontend development of our platform, making architectural and technical decisions, and creating new features based on user feedback using Typescript, React, Next.js, Node.js
- Create and maintain the CI/CD pipeline to allow for development and production environments to be deployed automatically to Vercel
- Engineer a web scraper in Python that collects critical insights from over 5,000 job listings into our PostgreSQL database, allowing the Go gRPC API to efficiently query and integrate these insights into the platform

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 25000 employee hours into insightful tables for upper management
- Wrote 8 scripts using Excel VBA to automate invoice generation, removing all manual processes

TECHNICAL PROJECTS

Attend ai | useattend.ai

- Collaborated with founders to create the demo for Y Combinator interview of an AI SaaS to find events for networking, prospecting
- Led frontend development, converting Figma designs and supervising team member in integrating REST API with OpenAI to return tailored results using users CRM and search criteria
- Developed with Next.js, OpenAI, AWS, Vercel, Tailwind CSS, Zod, LLMs, Vector Database

QuickType | 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 6000+ tests taken resulting in vibrant and engaged community

Plants & Co | 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
- Engineered API for data delivery, ensuring precise status codes, error management, and optimized database queries

TECHNICAL SKILLS

Proficient: SQL, Python, Typescript, Javascript, React, Git, HTML, CSS, Redux, REST APIs, Node.js, UI/UX

Knowledgeable: Jest, C#, Jira, NoSQL, Next.js, Netlify, Render, Express