

# Christopher Alonzo

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## TECHNICAL SKILLS

**Front-End:** HTML5, CSS, Sass, BEM, JavaScript, TypeScript, React, Next.js, React Native, TailwindCSS  
**Back-End:** Node.js, Express, REST APIs, JWT, OAuth, Hono, OpenAI, Gemini, AWS (EC2, RDS, VPC, S3)  
**Databases:** SQL, PostgreSQL, MongoDB, Convex DB  
**Deployment and Development Tools:** Github, Git, NPM, Bun, Vercel, Docker, AWS Amplify, Prettier, VS Code, Postman

## PROJECTS

- Box** | *Next.js, TypeScript, Postgresql, Express, Node, AWS (VPC, EC2, RDS, S3, Amplify)*

Aug 2024

  - Implementing a secure AWS infrastructure with VPC, EC2, and RDS, solving complex data security and resource management challenges.
  - Engineered an efficient data storage solution using S3 buckets, enabling rapid retrieval and storage of large datasets, while integrating AWS Amplify for seamless deployment and management of the Next.js frontend.
  - Architected a cloud infrastructure leveraging multiple AWS services, demonstrating advanced full-stack development and DevOps skills, and ensuring high availability and performance of the application.
- Hireme** | *Next.js, TypeScript, TailwindCSS, OpenAI, ShadcnUI, Convex DB*

July 2024

  - Engineered an AI-powered resume and cover letter builder using OpenAI, enhancing candidates' chances of passing ATS filters and improving job application success rates.
  - Created a comprehensive job tracking system with Convex DB, enabling users to manage and monitor multiple job applications in real-time.
  - Designed an intuitive UI with TailwindCSS and ShadcnUI, focusing on user experience and accessibility.
  - Developed a robust, type-safe frontend with Next.js and TypeScript, ensuring a seamless and responsive user interface.
- InStock** | *React, JavaScript, Node, Express, MySQL, Knex, CSS, SASS*

June 2024

  - Built a scalable Inventory Management System with a responsive React front-end and robust Express back-end, solving real-time inventory tracking challenges.
  - Led team collaboration using Git, GitHub for version control, and Jira for project management, adhering to Scrum methodology.
  - Drove all stages of the product lifecycle, from planning and development to testing and deployment, ensuring high-quality deliverables and meeting project milestones.
  - Crafted a modern, user-friendly interface using Figma, CSS, and SASS, enhancing overall usability and accessibility across devices.

## EDUCATION

- BrainStation**  
*Software Engineer*

Remote  
April 2024 - July 2024
- Digital Nova Scotia**  
*CyberSecurity*

Remote  
March 2024 - June 2024
- Mount Saint Vincent University**  
*Bachelor of Business Management, Minor in Finance*

Halifax, NS  
Sept 2019 - May 2024

## EXPERIENCE

- Independent Retail Trader and Dog Breeder**  
*Self-Employed*

Oct. 2018 – Present  
Remote

  - Exhibited self-motivation and independent learning, key traits for keeping up with rapidly evolving programming languages and frameworks.
  - Developed resilience and perseverance through long-term projects, crucial for tackling complex coding challenges.
  - Honed decision-making skills under pressure, important for critical bug fixes and deployment scenarios
  - Demonstrated adaptability by quickly adjusting strategies to market changes, mirroring agile development practices