Ross Crane *Software Developer*

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⭘ https://github.com/RossCrane

SKILLS

Software Development: *Agile Methodologies, Python, TypeScript, Node.js, Express.js, MongoDB, Angular, React, Redux.*

Web Technologies: *HTML, CSS, Git, DevOps, SQL, CI/CD Principles, RESTful API, GraphQL, Cypress, Docker, AWS.*

PROFESSIONAL EXPERIENCE

Owner and Software Developer, *Better Than Coal Inc.*   2020 – present │ Remote
- **Founded and operate a cryptocurrency mining business:** Utilized Python for system management to maximize profitability with minimal downtime and system failures under 0.17%.
- **Developed real-time monitoring tools and designed interfaces:** Enhanced operational efficiency and transparency by 30% and 25%, respectively, with performance solutions and JavaScript-based data visualization.
- **Optimized ASIC hardware deployment:** Improved energy efficiency by 20% and extended hardware lifespan by 50% through effective management and energy contract negotiations.

Software Developer, *11th Step Journey*   2023 – 2024 │ Remote
- **Developed a full-stack daily reflection app using React, TypeScript, Node.js, Express, and Socket.IO:** Integrated Toastify for real-time notifications and improved backend scalability, reducing latency by 30%.
- **Utilized MongoDB Atlas for storage with JWT for authentication in the same application:** Managed user profiles and ensured data privacy.

Software Developer, *BreakItDown*   2023 – 2023 │ Denver, CO
- **Led TypeScript refactoring and backend overhaul with Node.js and Express, enhanced UI using React and Tailwind CSS:** Improved type safety and productivity by 15%, boosted engagement by 20%.
- **Implemented clean code and CI/CD strategies using MongoDB, Mongoose, and Jest:** Enhanced collaboration and reduced deployment times by 28%, improving overall development efficiency.

Behavioral Health Technician, *Denver Recovery Center*   2022 – 2023 │ Broomfield, CO
- **Developed a client portal to enhance user experience:** Reduced missed appointments by 19% and improved client engagement and treatment continuity.

Associate Store Manager, *Casper*   2017 – 2021 │ Boca Raton, FL
- **Advanced from the entry-level to Associate Store Manager and created a Python-based inventory system:** Led sales team of 10 surpassing goals by 41% and improved inventory accuracy by 12%.

PROJECTS

AI Food Finder, *https://ai-food-finder-client.vercel.app/* 🔗
- **Developed AI Food Finder, a personalized meal recommendation app using React, Vite, CSS, Express, Node.js, Mongoose, MongoDB, Heroku:** Leveraged OpenAI API for dynamic suggestions based on preferences.

Wireless Split Ergonomic Keyboard 🔗
- **Designed and produced a wireless split ergonomic keyboard:** Employed C for firmware development and flashing, enhancing ergonomics and reducing strain by 100%.

EDUCATION

Software Engineering, *Codeworks*   2023 – 2023
  Skills: Algorithms, Cascading Style Sheets (CSS), DevOps, Express.js, Git, GitHub, jQuery, MVC, Scrum and more.

High School Diploma, *Laurel Springs School*   2009 – 2010