Chris Moss

Software Engineer

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Github Portfolio

Highly-driven full stack software developer with 1.5 years of professional experience in Typescript, React, Python, and Node. I'm ready to contribute my passion and skills to help drive innovation as a global technology leader.

SKILLS

- **Technical Languages:** Typescript, Python, Java, SQL, R, HTML, CSS, Git, Bash.
- **Development Skills:** React.js, React-Native, React Query, Node.js, Express.js, MongoDB, MySQL, PostgreSQL, Prisma, Jest, Cypress, MUI, Tailwind, Native Base, Docker, AWS, Redis, ChatGPT, Agile methodologies.

WORK EXPERIENCE

Code /+/ Trust - Full Stack Software Developer

August 2022 - current Charleston, SC

- Implemented a secure text-to-pay solution resulting in a 21% increase in revenue generated.
- Drove a 32% performance boost by reducing bundle size and implementing lazy loading techniques.
- Built RESTful APIs that served data to the Typescript front-end based on chosen user inputs that handled over 10,000 concurrent users.
- Developed admin web app using Node, React, and Typescript that allowed employees to make generative AI social media posts to all platforms, increasing user engagement by 76%.
- Implemented an extension enabling multiple Prisma database connections which enhanced performance by 288%.

PROJECTS

RingMyBelle - Software Consultant

June, 2023 - October, 2023

- Spearheaded a custom codebase migration to Shopify, reducing development bugs by 64% and increasing customer satisfaction by 53%.
- Directed efforts to consolidate business subscriptions from teams in India, Ukraine, and California, reducing monthly business spend by $3,000.
- Implemented Google Analytics and SEO to increase monthly revenue by $4,300.
- Designed and coded 100+ unit and integration testing on custom codebase using Jest and Cypress methodology.

Litter Ladder - Hackathon Winner

- Built full stack trash finding app, winning the 2023 CharlestonHacks Hackathon.
- Architected a Node backend to serve data to React Native and Typescript frontend.
- Implemented a k-means clustering algorithm and generative AI solution to calculate optimal locations to pick up trash.

EDUCATION

Johns Hopkins University - PhD, Computational Immunology

August 2021 - August 2022 Baltimore, MD

Awards

- NSF-GRFP Honorable Mention, 2021

Clemson University - B.S., Genetics

August 2017 - May 2021, GPA: 3.91 Clemson, SC

Awards

- American-Scandinavian Foundation Fellow, 2021 | Astronaut Scholar, 2020

Relevant courses

- Introduction to Java, Bioinformatics in Python and R, Calculus of One Variable, Statistical Methods