Reuel Nixon

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Full-stack developer with a year of experience crafting intricate and user-friendly interfaces with React, complemented by back-end development expertise in Golang, Python, and TypeScript.

Education

Vellore Institute of Technology   **August 2021 – May 2025**
B.Tech in Computer Science - 9 GPA   *Chennai, India*

Experience

BalkanID (Copilot)   **Nov 2023 – Oct 2024**
Software Development Intern   *Remote*
- Developed a chatbot front-end using Next.js to integrate entitlement data, addressing organizational queries.
- The UI resulted in increased customer engagement and attracting multiple new business clients within the first month.
- Utilized Golang for robust API development and Python for data science tasks.
- Built CI/CD pipelines using Docker, Docker Compose, and Serverless frameworks, reducing deployment time.
- Proficient in deploying applications with ArgoCD and GitHub Actions, leveraging AWS cloud services.

Surgeped Inc. (Freelance Portal)   **Oct 2023 – Nov 2023**
Freelance Web Developer   *Remote*
- Built a freelance portal that reduced project management time by 60%.
- Designed a responsive front end with Next.js, integrating Zustand and Shadcn-UI.
- Engineered a high-performance back-end using TypeScript, Express.js, PostgreSQL, and Prisma.
- Integrated seamless mailing functionality with SendGrid to enhance communication and engagement.

Clarium Tech (Dokimes)   **Aug 2023 – Sept 2023**
Machine Learning Intern   *Chennai, India*
- Built a machine learning model for a testing tool to generate dummy data for API fields.
- Applied MLOps practices to seamlessly integrate the model into the testing tool.
- Tested and validated the model, significantly improving testing efficiency and data consistency.

Waaree Energies   **May 2023 – July 2023**
Front-end Developer   *Remote*
- Redesigned the company landing page using React.js, enhancing the UI and increasing client acquisition.
- Optimized site performance through code splitting and lazy loading, reducing load times by 90%.
- Collaborated with product team to streamline development workflow and deliver features ahead of schedule.

Technical Skills

Languages	TypeScript, Python, JavaScript, C, C++, Java
Databases	MySQL, PostgreSQL, Neo4j, MongoDB, PineconeDB
Frameworks	**Go:** Gin, Fiber; **JavaScript:** React.js w/ Next.js, Svelte w/ SvelteKit, ExpressJS, Astro
Tools	Docker, Docker Compose, ArgoCD, GitHub Actions, AWS

Personal Projects

Project Stash   **October 2024**
- Created a curated collection of personal projects, showcasing a journey of learning, creativity, and development.
- Consolidated Web3, web development, and DevOps side projects into a single platform for easy access.
- Implemented an intuitive interface using modern web technologies, enhancing user experience and engagement.

PrintPilot   **December 2023**
- Simplified printing queues for students, saving valuable time with a straightforward upload-to-print process.
- Engineered an efficient Next.js and Tailwind CSS solution, improving the accessibility and speed of the workflow.

FREEdium   **September 2023**
- Developed a platform enabling free access to premium Medium blogs, fostering broader knowledge sharing.
- Implemented a user-friendly interface using Next.js, Tailwind CSS, and Shadcn-UI for a seamless experience.

Certifications

- Supervised Machine Learning: Regression and Classification - DeepLearning.AI   June 2023
- Advanced Learning Algorithms - DeepLearning.AI   August 2023