

REUEL NIXON

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

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EDUCATION

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| Vellore Institute of Technology - B.Tech in Computer Science - CGPA: 9.04/10.00 | Chennai, India | May 2025 |
| Velammal international school - SSC: 94.8% - HSC: 95.6% | Ponneri, India | May 2019-21 |

EXPERIENCE (Video Demo)

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| <u>BalkanID</u> <i>Software Development Engineer</i> | Remote Nov 2023 – Present |
| <ul style="list-style-type: none">Designed and built frontend for a chatbot that interfaces with entitlement data, addressing various questions related to the respective organization, roles and responsibilities. This application attracted interest from 5 potential business customers in just the following month.Utilized Golang for robust API development, improving backend response time by 15%.Built resilient CI/CD pipelines for multiple projects employing Docker, Docker Compose, and serverless framework resulting in a 90% reduction in deployment time.Proficiency in deploying applications with production-grade tools like ArgoCD and also GitHub actions. This extends to leveraging cloud services, with a solid command of many commonly used services in AWS | |
| <u>Surgeped Inc. (portal.surgeped.com)</u> <i>Freelance Web Developer</i> | Remote Oct 2023 – Nov 2023 |
| <ul style="list-style-type: none">Developed a scalable freelance portal, reducing project management time by 60% and increasing user registrations by 45%.Designed a responsive and visually appealing front-end with Next.js, integrating Zustand and shadcn-uiEngineered a high-performance backend with TypeScript, Express.js, PostgreSQL, and Prisma, scaling to support hundreds of concurrent users with 100% uptime using AWS lambda functions. | |
| <u>Clarium Tech. (dokimes.ai)</u> <i>Machine Learning Intern</i> | Chennai, India Aug 2023 – Sept 2023 |
| <ul style="list-style-type: none">Developed a machine learning model for a testing tool akin to Postman, mapping API field names to Faker methods for generating dummy data, improving test coverage by 40%.Applied MLOps practices to seamlessly integrate the machine learning model into the testing tool.Curated high-quality training data which enhanced the model's accuracy and reliability.Wrote comprehensive tests, resulting in reduction in testing time and ensuring data consistency. | |
| <u>Waaree Energies</u> <i>Frontend Developer</i> | Remote May 2023 – July 2023 |
| <ul style="list-style-type: none">Designed and Rebuilt the company's landing site using ReactJS to enhance its visual appeal and functionality leading to an increase in client acquisitions.Optimized site performance for faster load times, reducing bounce rates by and improving SEO rankings.Collaborated effectively with the product team, delivering projects on time and within budget. | |

TECHNICAL SKILLS

- Programming Languages:** Go, Rust, TypeScript, Python, JavaScript, C, C++, Java
- Database:** MySQL, Postgres, Neo4j, MongoDB, PineconeDB
- Frameworks:** GO: Gin, Fiber. JS: ReactJS w/ NextJS, Svelte w/ Sveltekit, SolidJS w/ solid start, ExpressJS, AstroJS

PERSONAL PROJECTS

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| <u>FREEdium</u> | September 2023 |
| <ul style="list-style-type: none">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. | |
| <u>PrintPilot</u> | December 2023 |
| <ul style="list-style-type: none">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 printing workflow.We implemented the app at college printout shops, providing a platform for students to upload PDFs, vendors to print, and convenient pickup upon completion. | |