KENDRICK ROCHA

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PROFESSIONAL EXPERIENCE

AI Stealth Startup (Social Media) — Los Angeles, CA, USA
Software Engineer (Contract) — *March 2024 - Present*
- Solely led the design and implementation of a Chrome Extension with an API connection to a Node server (Express, TypeScript).
- Created custom scripts that reverse engineer API endpoints and WebSockets to automate data extraction from company managed social media accounts to train a partner AI model on user behavior.
- Utilized AWS to securely store sensitive user data in DynamoDB.
- Engineered a Chrome Extension that allows social media managers to interact efficiently with the custom AI solution.

Neurafile (AI & AR/VR Startup) — Remote
Software Engineer (Freelance) — *March 2024 - June 2024*
- Oversaw the implementation of Docker containerization and AWS integration (RDS, ECR, EC2, S3, Lambda) to establish a scalable and efficient cloud infrastructure.
- Spearheaded the complete overhaul of a legacy Frontend system, successfully migrating the entire codebase to React, enhancing performance, maintainability, and user experience.
- Collaborated with Lead Engineer to build and maintain Python backend (FastAPI, Pandas, Selenium).

Advocates for Human Potential (Government Consulting) — Pasadena, CA, USA
Full Stack Developer II — *May 2022 - March 2024*
- Led the discovery and resolution of high-security vulnerabilities with user authentication and the permissions system which resulted in a reduction of unauthorized access incidents by 15%.
- Collaborated with the team to ensure optimized database management, data storage, and ensuring efficient integration and maintenance of the web application using MySQL.
- Developed and optimized RESTful API in Node/Express, achieving a throughput of 10,000 requests per second with an uptime of 99.6%.
- Spearheaded UI/UX design efforts (Vue) while actively supporting backend development of AHP's successful web application, resulting in a 55% surge in government user adoption.
- Incorporated automated testing into the CI/CD pipeline (GitHub Actions), resulting in a 25% decrease in code errors, ultimately accelerating project delivery timelines.
- Mentored a Junior Developer in frontend design and server management, specializing in AWS cloud services and Apache server administration.
- Guided colleagues through 20+ technical training sessions, fostering professional development and knowledge dissemination across cross-functional teams.

PROJECTS & OUTSIDE EXPERIENCE

Portfolio — *2022 - Present*
- Designed and developed 3 full stack personal projects utilizing Node, React, TypeScript, Vue, Python, MySQL, and MongoDB.
- Currently hosting and maintaining a MERN application integrated with Google API for personal daily use.

EDUCATION

University of Southern California
Bachelor's, Business

SKILLS

Languages: Node.js, Python, TypeScript, React.js, FastAPI, Next.js, Vue.js, JavaScript, Go, Express.js, HTML/CSS, PHP
Technologies: PostgreSQL, MySQL, AWS, DynamoDB, MongoDB, Lightsail, EC2, S3, CloudWatch, Git, Linux/Unix, Shell, NoSQL, Firebase, Serverless, Docker, SQL, Jest, Postman, Mongoose, Tailwind, Bootstrap, Selenium, Redux
Other: Agile, Code Review, Unit Testing, Refactoring, Version Control, JSON, HTTP, Software Testing, Data Structures & Algorithms, Google Analytics, UI/UX Design, Vercel, Web Development, SEO, Design Patterns, Data Driven, SAFe, Troubleshooting, Slack, Figma, Project Management, Usability Testing/Engineering, Team Collaboration, Communication, Customer Service, Risk Management, Web Scraping