Eric Ramon Flores

+1-361-645-7318 • Kermit, TX• eric.hi.flores@gmail.com • https://www.linkedin.com/in/eric-hi-flores

Senior Software Engineer

React | Node.js | MongoDB

10 years of proficient experience in Full-Stack Web and Mobile Development, and a strong enthusiasm for AI and WEB3.

Honed best skills in producing clean, efficient, and maintainable code, and have been committing to innovative products across all industries like E-Commerce, Health Care, Real Estate, Fintech, E-Learning, Gaming, etc.

Made significant impacts in various cross-functional Agile teams and leveraged my supreme leadership & communication skills. Leading team player, and reliable engineer who takes full responsibility for the project.

WORK EXPERIENCE

Lennar - *Miami, FL*   12/2022 – Present
Senior Software Engineer

- Developed responsive user interfaces for a home search website using React and Next.js, significantly improving user experience across desktop and mobile devices as evidenced by positive user feedback and increased time-on-site.
- Engineered RESTful APIs using Node.js and Express, reducing average API response time by 30%, to serve dynamic data from PostgreSQL to the frontend.
- Implemented Redux for global state management in React apps, reducing data fetching operations by 50% and improving app performance across components.
- Enhanced website functionality by integrating Google Maps API for location searching and Stripe API for payments, resulting in a 25% increase in successful transactions.
- Boosted SEO performance by 35% through implementing Server-Side Rendering with Next.js, improving initial page load times by 2 seconds.
- Streamlined team collaboration by implementing Git/GitHub workflows, reducing merge conflicts by 40% and increasing code review efficiency by 25%.
- Optimized website performance using Chrome DevTools and PM2, reducing page load time by 50% and increasing the number of concurrent users supported from 1,000 to 5,000.

Etsy - *Brooklyn, NY*   10/2018 – 11/2022
Senior Software Engineer

- We built the Etsy platform using Node.js and a modern JavaScript technology stack including JavaScript, React, React Native, Typescript, Redux, Context API etc.

- Led a frontend team to deliver optimized and well-structured code for internal UI development, primarily utilizing React, Zustand, Typescript, Python and MySQL.
- Optimized codebase using advanced React patterns and lazy loading techniques, reducing code complexity by 80% and initial loading times by 70%, improving user experience for over 1 million daily active users.
- Established a new Apollo GraphQL server for smooth data flow, reducing API response times by 60% and enabling real-time updates for 500,000 concurrent users.
- Enhanced software reliability by implementing an automated testing framework with Jest and Cypress, effectively reducing production bugs by 50%.
- Engineered a robust feature flagging system and oversaw the entire software development lifecycle for a real-time analytics project, ensuring seamless integration and controlled feature releases through the CI/CD process using Azure DevOps.

Cognizant - *Waco, TX*   03/2015 – 10/2018
Senior Software Engineer
- Drove the full-stack development of the Lifetouch mobile app from scratch using React Native, Node.js, MongoDB, GraphQL, and TailwindCSS, with AIpowered recommendation features using Tensorflow.js. (Home Depot).
- Effectively diagnosed and resolved system discrepancies, ensuring seamless operation by utilizing modern technologies like MongoDB and Node.js for back-end support. (BlueScope Steel).
- Architected and led the frontend development of a collaboration app from scratch using Electron, React, Redux Saga, ES6+, WebRTC, and WebSockets, with features such as real-time chat video conferencing, screencasting and team calendar. (Shyftmoving)

EDUCATION

National University of Singapore - *Singapore*
Bachelor of Science in Mathematics and Computer – 2010, 2014

PROFESSIONAL SKILLS

- **Modern JS Frameworks:** JavaScript/ES6+/TypeScript, React/React Native, Next.js, Angular, Vue
- **State Management Library:** Redux, Remix, Context API, Zustand, MobX, Rx.js, Jotai, Recoil
- **UI Library:** Tailwind CSS, MUI, Styled Component, SCSS, BootStrap, WordPress, Shopify
- **Data Visualization:** Chart.js, Mapbox(Google Map API), D3.js, Three.js, Plotly, Eloqua
- **Backend Framework:** Node/Express, Java/Spring Boot/Kotlin, Python/Django/Flask/Fast API
- **API Design:** GraphQL/Hasura, Rest APIs, Websocket
- **Cloud Services:** AWS(EC2, S3, Elastic Search etc), Azure, GCP

- **DevOps:** Unit Testing (Jest, Enzyme, RTL and Vitest), Cypress, CI/CD (Jenkins, Github actions)
- **ETC:** Apache Kafka, Grafana, Splunk, Datadog, StoryBook, Git, Docker, K8s(Kubernetes)