

Eric Lam

Software Engineer (React, Next, Node, Express, AWS) | 8 Years

+61 494308654 • ericlamwork15@gmail.com • linkedin.com/in/eric-fullstack-javascript • Carlton, Victoria, Australia

SUMMARY

Senior Full Stack Developer with 8+ years of experience building scalable and high-performance web applications using React, Vue, Nuxt.js, Node.js, and TypeScript. Skilled in both front-end and back-end development, with expertise in cloud platforms (AWS, Azure, GCP) and CI/CD pipelines. Adept at leading projects that improve user engagement and optimize performance, including reducing loading times by 50%. Passionate about delivering efficient, user-centric solutions and driving success in Agile development environments. Seeking opportunities to apply my expertise to create impactful digital experiences.

TECHNICAL SKILLS

Frontend:

React.js, Nuxt.js, Vue.js, Next.js, Redux, Redux-Saga, Redux-thunk, Context API, Gatsby, Contentful, React MUI, CSS, SASS/LESS, Bootstrap, TailwindCSS, TypeScript, JavaScript, Jest, Enzyme, Cypress

Backend:

Node.js, Go, Django, Express.js, Nest.js, Java, Spring Boot, Kotlin, Python, Scala, Prisma

DevOps & DB:

MongoDB, DynamoDB, NoSQL, MySQL, PostgreSQL, GraphQL, Apollo GraphQL Server, Firebase, AWS, GCP, Microsoft Azure, Cognito, CI/CD, Redis, Docker, Jenkins, DigitalOcean, Kubernetes, Sendgrid, Heroku, 3rd Party API Integration, Socket.IO, Stripe, PayPal, Recurly, Machine Learning, Algolia, Agora, WebRTC, Mailgun, Twilio, Git.

WORK EXPERIENCE

Senior Full Stack Developer

Codal

September 2021 - November 2024

Codal is an design and development consultancy that helps enterprise organizations solve complex problems and accelerate growth through cutting-edge, data-driven digital solutions. Codal's headquarters is in Chicago, Illinois, United States.

- Key Features Implemented:

- Built user interfaces with React.js and Nuxt.js for scheduling social media posts, making the platform more engaging for users.
- Used Next.js for server-side rendering, which improved search engine rankings and made pages load faster.
- Utilized Spring Boot and Spring Security solutions for rapid application development and secure functionalities, enhancing server-side performance by 20%
- Created secure backend APIs with Node.js for user login and data handling, making the system more scalable and safe.
- Implemented Redux for state management, optimizing complex data handling and user workflows.
- Developed Express.js middleware to handle requests and routes, optimizing API response times and improving dataprocessing efficiency by 20%.
- Spearheaded architecture upgrades for horizontal scaling and migrated the project to AWS, managing a 150% surge in users without performance degradation.
- Set up automated testing with Jest and Enzyme, increasing test coverage by 30% and reducing manual testing efforts by 20%.
- Established CI/CD pipelines for automatic testing and deployment, increasing development speed and reducing mistakes.

- Integrated payment method : Stripe and PayPal

Tech Stack: React.js, Nuxt.js, Node.js, Next.js, Redux (Redux-Saga, Redux-thunk), Express.js, MongoDB, AWS, CI/CD, Jest, Enzyme, Stripe, PayPal

Full Stack Developer

Busy Human

June 2020 – September 2021

Busy Human is a custom software development company based in Orem, Utah, United States.

- Key Features Implemented:
 - Used Gatsby to speed up certain pages, helping visitors access information quickly without delays.
 - Managed site data with Redux and kept updates smooth using Redux-Saga and Redux-thunk.
 - Engineered and optimized back-end services using Java, Spring MVC, and Hibernate, resulting in a 30% increase in application performance.
 - Improved the site's look and responsiveness on all devices using React MUI, CSS, SASS, Bootstrap, and TailwindCSS.
 - Used Prisma with PostgreSQL to organize data efficiently and ensure fast access.
 - Set up Jenkins and Docker with AWS and Heroku to simplify updates and maintain site stability.
- Integrated payment method : Stripe and PayPal

Tech Stack: React.js, Node.js, Next.js, Redux, Redux-Saga, Redux-thunk, Express.js, Prisma, PostgreSQL, Gatsby, Contentful, React MUI, CSS, SASS, Bootstrap, TailwindCSS, AWS, Docker, Jenkins, Heroku, Stripe, PayPal

MERN Stack Developer

Vention

May 2016 – May 2020

Vention Montreal-based company specializing in industrial automation through an innovative end-to-end platform. It provides a comprehensive solution for designing, programming, and deploying factory automation systems.

- Key Features Implemented:
 - Improved website performance and SEO by implementing Next.js for scalable, server-rendered applications.
 - Ensured code quality by applying TypeScript for type safety, reducing bugs, and making the code easier to maintain.
 - Set up testing frameworks by configuring Jest, Enzyme, and Cypress for automated testing to maintain high-quality code.
 - Successfully integrated the application with a RESTful API using Node.js and Express.js, achieving a 35% improvement in data handling efficiency.
- Integrated payment method: Stripe, PayPal, Tylpay

Tech Stack: React.js, Next.js, Redux, Redux-Saga, Redux-Thunk, React MUI, CSS, SASS/LESS, Bootstrap, TailwindCSS, TypeScript, Jest, Enzyme, Cypress, Node.js, Express.js, NestJS, Prisma, PostgreSQL, Jenkins, Docker, AWS.

Freelancing - Web Developer

Upwork.com & Freelancer.com

Mar 2012 – Sep 2016

- Project: <https://later.com>
 - Designed and built responsive user interfaces using React.js and improved performance with Next.js for server-side rendering.
 - Developed secure backend APIs with Node.js and Express.js, managed data with MongoDB, and handled state management using Redux.
 - Integrated payment systems like Stripe and PayPal, deployed the application on AWS, and set up CI/CD pipelines to ensure the platform remained scalable and reliable.
- Project: <https://Esigns.io>
 - Developed a seamless electronic signature platform by creating responsive interfaces with React.js and building secure backend APIs using Node.js and Express.js.
 - Managed data with MongoDB, handled state with Redux, integrated payment systems like Stripe and PayPal, deployed the application on AWS, and established CI/CD pipelines to ensure scalability and reliability.
- Project: <https://www.smartly.io/>
 - Built responsive user interfaces with React.js, developed secure backend APIs using Node.js and Express.js, managed data with MongoDB, handled state with Redux, integrated third-party advertising APIs, deployed the application on AWS, and established CI/CD pipelines to ensure scalability and reliability.

EDUCATION

Bachelor of Degree in Computer Science | 2012
Victoria University | Melbourne