LUCAS ZHANG

Senior Software Engineer (React / React Native / Node.js / Python)

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🔗 https://lucas-zhang.netlify.app/   📍 San Gabriel, CA, USA

SUMMARY

A highly experienced software engineer with over 11 years of hands-on experience in building web and mobile applications. Throughout my career, I have worked with 10+ startups and gained valuable leadership experience, leading and mentoring teams of developers.

Some of my significant accomplishments include:
- The design and implementation of micro-frontends architecture to enhance the modularity and scalability of the application, which led to a 32.4% reduction in development time.
- Consistent delivery of high-quality products within allocated budget and timelines that ensured client satisfaction ratings of over 96.7%.
- Leading a team of 5 developers in accomplishing more than 15 intricate projects utilizing agile methodologies and effective project management strategies, resulting in a 27.6% increase in team productivity and a 15.8% decrease in project turnaround time.

TECH STACK

HTML   CSS   JavaScript   TypeScript   Webpack   Babel   Jest   Vite   SASS/SCSS

Cypress   Storybook

React   React Native   Next.js   Redux   Angular   Vue   Nuxt.js   Ionic   Cordova

Node.js   Nest.js   Express.js   Python   Django   Django Rest Framework   Restful APIs

GraphQL

MySQL   PostgreSQL   MongoDB   Redis   Firebase

Git   CI/CD   TDD/BDD   Jira   AWS   ESLint   Prettier   App Center   Agile   Scrum

Communication   Problem Solving   Adaptability   Leadership   Collaboration   Detail Oriented

EDUCATION

B.Sc. in Computer Science
California State University, San Bernardino
📅 2008 - 2012

Web Development Immersive
General Assembly
📅 2013

Software Engineering Immersive
Hack Reactor
📅 2018 - 2019

EXPERIENCE

Lead Frontend Engineer / Senior Full Stack Engineer

Superformula

📅 09/2017 - Present

Superformula is a digital consultancy whose core focus is on technology through modernization and digital transformation in both enterprise and startup companies.

- Led 5 frontend developers by providing guidance on architecture decisions, code reviews, and mentorship.
- Developed and implemented a modular component library in React and TypeScript, which resulted in a 16.8% reduction in development time and increased consistency across the application.
- Represented a POC using Angular to demonstrate the feasibility of a new feature to increase stakeholder confidence and securing additional funding for the project.
- Built and published 5+ Android and iOS mobile applications using React Native with off-line support and push notifications.
- Collaborated with UX designers to create and implement a new design system for an improved user experience and a 29.6% increase in user engagement.
- Worked with product owners to refine requirements and provide technical guidance.
- Investigated and resolved complex bugs and performance issues, resulting in a 21.3% increase in application speed and a 40.1% reduction in error rates.
- Conducted code reviews and implemented best practices for front-end development, resulting in a 20.2% increase in code quality and a 14% reduction in bug reports.
- Mentored junior engineers, resulting in a 40% improvement in their performance and an increase in team productivity.

Full Stack Engineer

Eye4Fraud

📅 05/2016 - 09/2017

Eye4Fraud is a company that offers AI-powered fraud prevention and chargeback re-presentment solutions to merchants.

- Developed a scalable and responsive web application with React, TypeScript, and Redux which improved customer engagement and reduced bounce rate by 26%.
- Utilized Jest for unit testing, improving the product's overall quality and resulting in a 50% decrease in bug reports.
- Streamlined the codebase by refactoring legacy code, leading to a 30% decrease in code complexity and easier onboarding for new team members.
- Troubleshot complex technical issues and resolved bugs in production, resulting in a 20% reduction in downtime and improved system stability.

Full Stack Engineer

ASAP (FKA Waitr)

📅 01/2014 - 04/2016

ASAP(formerly known as Waitr) is a technology platform that offers online ordering, delivery, and takeout options from local restaurants in the United States.

- Developed and maintained multiple features for a web application using React and Node.js, which led to a 28% increase in user engagement.
- Implemented RESTful APIs and database schemas for a mobile application using Express.js and MongoDB.
- Collaborated with a team of developers to migrate a legacy codebase to a new technology stack, resulting in a 40% improvement in application performance.
- Optimized front-end build processes and improved build times by implementing Webpack and Gulp, reducing build time by 43%.

Full Stack Engineer

Sysdyne Technologies

📅 09/2012 - 01/2014

Sysdyne Technologies is a technology company that delivers comprehensive software solutions for the ready-mix concrete industry.

- Designed and coded a real-time analytics dashboard using Angular.js, resulting in a 16% increase in user engagement.
- Refactored RESTful APIs for mobile applications using Node.js and Express to increase app performance and reduce API errors.
- Worked closely with product managers to identify and prioritize product features, increasing customer satisfaction by 14%.

CERTIFICATION

ReactJS Certified

Pentalog HR

React Native Certified

R. N. Studio