AUSTIN LEE

Senior Full Stack Developer | Front-End Expertise

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Summary

A seasoned Full-Stack Developer with over 10 years of experience across diverse industries, boasting robust proficiency in cutting-edge technologies including React, Angular, Node.js, Express.js, AWS, and other contemporary platforms.
Being a creative and independent programmer, my goal is to delight clients by delivering high-quality solutions and ultimately driving business growth.

Education

University of Southern California	Los Angeles, CA
B.S. in Computer Science │ GPA: **3.9** / 4.0	01/2010 - 12/2013

Experience

The College Board — Reston, VA
Senior Full Stack Developer — 01/2022 - 04/2024

Developed multiple web based platforms, services, tools, portals which support educators, educational institutions in various aspects

- Expanded new features on 4 web and mobile applications using React, RxJS, Next.js, GraphQL, Node.js, AWS
- Developed a robust Financial Dashboard using React, Chart.js, Node.js, Express.js Kafka, with Amazon S3, Amazon API Gateway
- Created REST APIs and scalable microservices for data analytics using Node.js, Express.js, Sequelize, PostgreSQL
- Integrated third-party services into back-end infrastructure using Node.js, GraphQL, Express.js, and MongoDB in various of projects
- Utilized AWS Lambda functions to perform serverless data processing tasks, such as data transformation, aggregation
- Conducted code reviews, ensuring code quality, consistency, and adherence to best practices using GitHub
- Fully engaged in Agile SDLC, using Jira for seamless collaboration across all phases: Planning, Develop, Testing, and Deployment

Synopsys Inc — Los Angeles, CA
MERN Stack Developer — 04/2020 - 12/2021

Extended features of EDA Software platforms, and developed frontend for multiple web-based analytics platforms, customer-facing services

- Developed robust backend systems and REST APIs for various of projects using Node.js and Express.js, MongoDB
- Designed and implemented real-time communication features using Socket.IO for instant messaging and live data updates
- Rewrote and expanded features on multiple React SPAs with TypeScript, Next.js, TailwindCSS, integrating REST APIs
- Implemented robust security measures in web applications, including user authentication, authorization, and data encryption
- Implemented responsive design principles to ensure seamless user experiences across various devices and screen sizes
- Utilized asynchronous programming paradigms such as callbacks, promises, and async/await to manage non-blocking I/O operations
- Implemented, and maintained Continuous Integration/Continuous Deployment (CI/CD) pipelines using GitHub Actions and Jenkins

adMixt — Austin, TX
ReactJS Developer — 09/2016 - 03/2020

Initiated 7 projects from scratch with technologies like React, Node.js, Express.js, AWS

- Developed e-commerce platforms and services using React, Node.js, Express.js, Sequelize with PostgreSQL database
- Defined content models, data structures, and API endpoints for seamless integration between the CMS and React frontend
- Developed and maintained user-friendly and responsive web applications with HTML/CSS, SASS, Bootstrap, jQuery
- Optimized frontend performance by leveraging techniques such as code splitting, lazy loading, and caching to minimize load times
- Implemented Test-Driven Development (TDD) practices in software development projects, using Jest, Cypress, React Testing Library
- Worked in Agile development environments, participating in sprint planning, daily stand-ups, and sprint demos

Skills

Languages: JavaScript · TypeScript · Python · Java · SQL · GraphQL · HTML/CSS

Frameworks & libraries: React · React Native · Angular · Vue · Django · Node.js · Express.js

Storage: MySQL · MongoDB · PostgreSQL · DynamoDB

Tools & Platforms: Git · Jenkins · Docker · Kubernetes · AWS · GCP · Webpack · Vite