AUSTIN LEE

Senior Full Stack Developer

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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, React Native, Node.js, Spring Boot, 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.

Skills

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

Frameworks & libraries: React · React Native · Spring Boot · Node.js · Express.js

Storage: MySQL · MongoDB · PostgreSQL · DynamoDB

Tools & Platforms: Git/GitHub · Jira · Jenkins · Terraform · Docker · Kubernetes · AWS · GCP

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

- Built and expanded new features on multiple web applications, such as college application portals, using various technologies such as React, RxJS, Next.js, Java, Spring Boot, and AWS Lambda
- Created various of mobile applications using React Native for financial aid, reporting and scholarship resource utilzing testing frameworks, such as Jest and Detox by simulating user interactions
- Developed a robust Admin Dashboard using React, D3.js for FE, and Java Spring Boot, Kafka, with Amazon S3, RedShift
- Integrated third-party services into back-end infrastructure using Node.js, Spring, and MongoDB, PostgreSQL in various of projects
- 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

Full Stack Developer | Front-End Focus
04/2020 - 12/2021

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

- Developed mobile apps with React Native for Synopsys' EDA tools, supporting customers for service requests, tracking support tickets, and ensuring cross-platform compatibility on multiple platforms (Android, iOS)
- Built and expanded new features on multiple React based web applications with TypeScript, Next.js, TailwindCSS, leveraging GraphQL using Apollo Client
- Engineered Spring Boot backend services with Apache Spark, DynamoDB, Amazon API Gateway for providing analytics data resource for React frontend dashboard and integrated REST APIs into them
- Transitioned backbone.js codebase to React frontend, enhancing functionality by integrating third-party services
- Fine-tuned CSS and JavaScript code for improved rendering and execution performance, including minification, bundling
- Utilized React Hooks and Redux to manage component state and behavior, enhancing interactivity
- Implemented responsive design principles to ensure seamless user experiences across various devices and screen sizes
- Collaborated with backend developers to optimize API requests and responses, reducing latency and improving performance
- Implemented, and maintained Continuous Integration/Continuous Deployment (CI/CD) pipelines using GitHub Actions and Jenkins

Experience

adMixt
Austin, TX

React Full Stack Developer
09/2016 - 03/2020

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

- Developed e-commerce platforms and services using React, Node.js, Express.js, Sequelize with PostgreSQL database
- Worked on development of 3 mobile applications compatible with both Android and iOS using React Native
- 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

Education

University of Southern California
Los Angeles, CA

B.S. in Computer Science | GPA: **3.9** / 4.0
01/2010 - 12/2013