**Austin Lee**

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**Full Stack Web Developer** ♦ **9+ Years of Experience**

I am a senior full stack developer with many years of experience in web development who has primary skills in Javascript, React, Node, AWS and Shopify. I strive also to be a cooperative team player who not only learns from others but can also add to the strength of others to improve the overall output of the team.

**PROFESSIONAL SKILLS**

Node.js, Javascript, TypeScript, React/Redux/Hooks, Jest, Node, Shopify, Angular, Vue, ES6/7, Material UI, Bootstrap, HTML5/CSS3, AWS, GCP, Azure, PHP, Ruby on Rails, Kubernetes, Docker, Jenkins, NPM, Micro-services, AWS infrastructure

**EDUCATION**

**University of Southern California**

Los Angeles, CA

Bachelor’s degree in computer science

2010 - 2013

**PROFESSIONAL EXPERIENCE**

**Senior Full Stack Developer, The College Board ♦ Reston, VA**

*Jan 2022 – Jun 2023 (Remote Contract)*

* Developed CLEP and AP Potential apps in the one of leading teams for the company
* Worked with several different frontend frameworks in JavaScript/TypeScript(Angular, React, Redux, Hooks, NodeJS, NPMs), TypeScript and also HTML5 , CSS3/SASS/LESS
* Used Jira and Confluence for agile development
* Worked with Node/Express, Next, PHP/Ruby on Rails on backend
* Created custom web components using JavaScript, React, ES 6/7, Material UI, Node
* Responsible for building and maintaining JavaScript/TypeScript applications that span multiple e-commerce platforms and online merchants
* Designed and implemented AWS network architecture supporting multiple workloads (web app, analytics pipeline, database) and environments
* Built an internal use admin web application from scratch using React and AWS serverless backend(API Gateway, Lambda, and SQS)
* Implemented automated and event-driven cloud security controls in AWS using Cloudtrail, Cloudwatch, SNS, and Lambda
* Integrated custom tools into web applications for batch data import, AWS S3 custom storage management and analytics process launching
* Discovered and implemented general AWS best practice cost savings actions
* State Management using with React-Redux, Context
* Used webpack to take modules with dependencies and bundle them into the static assets.
* Built the server side rendering features to improve the SEO
* Built the models with NoSQL (mongodb) for the user management
* Refactor Javascript Legacy Code to TypeScript

**Full Stack Developer, Synopsys ♦ Los Angeles, CA**

*Apr 2020 – Dec 2021 (Remote Contract)*

* Worked on SAAS/BYOC based cloud app backend focusing on microservices and real-time communication services
* Utilized Microsoft Azure, TypeScript, Nest.js, Node.js, MongoDB and Redis
* Developed a universal search feature for a customer-facing analytics application that allowed all of the application's data entities to be searched instantly within a single interface
* Improved data fetching by leveraging GraphQL capabilities to narrow a set of queried fields.
* Setup Node/Express to implement Restful APIs
* Migrated a searching mechanism to utilize Elasticsearch’s superior full-text search functionality

**Full Stack Developer, adMixt ♦ Austin, TX**

*Sep 2016 – Mar 2020 (Remote Full-time)*

* Developed Social Media Auto Poster app and Fraud Fighter app for eCommerce storesarsu
* Developed UI/UX for financial application based on React and Material UI for cone of clients
* Developed supply-chain management web solution that utilized imagemagick and several API's and databases to serve print-ready files to print on demand manufacturers. This software was eventually licensed to a European print manufacturer
* Worked on a team of developers tasked with building a cross-platform, full-stack, progressive web application designed to control and analyze patient and staff flow around health clinics
* Transitioned an existing Backbone.js application to React
* Redesigned, simplified, and implemented a new version of an existing alerting application that contained over 100 form fields and drastically reduced the amount of customer support calls with the simplified redesign
* Defined a styled-components UI theme and migrated the existing styling system into using it
* Created the back end in Node.js as an AWS Lambda microservice, saving the clients from spending on upfront costs related to hosting
* Created the data model and implemented it on MySQL (AWS RDS) using a denormalized design, improving querying performance by 6x
* Technologies: AWS, DynamoDB, Lambda, AppSync, API Gateway, SNS, SQS, Javascript, TypeScript, React/Redux, Node/Express, MongoDB, AWS

**Full Stack Developer, Juiced Bikes ♦ Los Angeles, CA**

*Apr 2013 - Aug 2016 (Full-time)*

* Worked on building Juicedbikes.com store with various custom integrations
* Responsible for building all web-based applications written in Node, Javascript, Typescript, React, Material UI
* Redesigned the corporate website. Worked directly with the marketing and design team to improve older applications UI/UX
* Developed and maintained automated test suite using Jest, Cypress, Selenium
* Utilized multiple front-end frameworks and libraries, including React, Redux, Saga, Lodash, and Handlebars
* Created a continuous deployment workflow using Docker, Heroku, and Nginx
* Developed an automated framework for E2E testing that ensured that everything kept working well after changes and code refactorings
* Created the system's admin portal using React and implementing multi-factor authentication.
* Converted the starting Node/React project into a production-ready solution using Docker, Heroku, and AWS
* Maintained code for the insurance solution using Node, React, and MongoDB
* Created a scheduled task for exporting information using Node.js
* Developed custom websites using PHP, MySQL, and JavaScript
* Wrote a framework to generate new custom websites with custom database back-end for improved roll out and prototyping
* Converted a traditional web application to a single-page application using AJAX and a state management layer in JavaScript