Colten Lee Senior Full Stack Engineer

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## Summary

Proficient in creating responsive web pages and user interfaces that meet the needs of complex user requirements. Skilled in using modern web development frameworks such as React, Vue and Angular to create highly interactive web applications. Expertise in creating web applications that are optimized for accessibility and performance and APIs and integrating them with third-party services.

## SKILLS

**LANGUAGES** - JavaScript / TypeScript • Python • Java • PHP • C#

**FRAMEWORKS** - React / Next.js / React Native / Vue / Angular / Gatsby / Electron.js

• Redux / MobX / VueX • Storybook / Material-UI / Tailwind Css • REST / GraphQL • Spring / Spring Boot • Express / Nest.js • Mocha / Chai / Jasmine / Jest

**TOOLS** - Jenkins / CircleCI / Github Actions • Docker / Kubernetes • AWS / GCP / Azure

**DATABASES** - MySQL / PostgreSQL / MSSQL • MongoDB / DynamoDB • Redis / ElasticSearch

**HARD SKILLS** - Agile / Kanban • CI/CD • Unit Testing • Performance Optimization

**SOFT SKILLS** - Team Collaboration • Communication • Problem Solving • Detail Oriented • Deadline Management

## EXPERIENCE

## Gamma, United States *- Senior Full Stack Engineer* Apr 2022 - Nov 2023

* Built out a customer-facing website in the AI industry and produced a new customer experience.

- Designed and implemented frontend architecture with React.js, Redux, Tailwind CSS.

- Adopted testing-related technologies to a React project, like Typescript, Jest, Mocha, Chai, Cypress, React-test-render, and Sentry to track the history of bugs and write bug-free and predictable components.

- Optimized the performance by re-writing the structure of the project and following memorizing best practices (useMemo, useCallback).

- Analyze the application performance by avoiding unnecessary re-renderings and following the best practices like memorization hooks, lazy loading.

- Improved performance and SEO by migrating the existing codebase from React to Next.js.

- Built a dictionary of reusable, customizable components to accelerate development speed and maintainability using Tailwind CSS, Storybook, MUI + React Hooks and make it reusable across multiple projects.

- Led the frontend development team to create and maintain web applications for high-profile clients, resulting in a 95% client satisfaction rate.

* Participated in backend development using Python, FastAPI, Langsmith and LLM.
* Implemented the e2e testing using Python and playwright for UAT testing.
* Worked in an agile environment and maintained effective team communication going through all phases of SDLC like application design, development, debugging, testing and deployment.
* Established the team’s accessibility standards and code style guides.

## Yellow Systems, United States*- Full Stack Engineer* Jul 2019 - Mar 2022

* Designed and developed a scalable cloud- based .NET application using Azure, C#, ASP.NET, and MVC,
* Developed RESTful web services using Java and Spring and implemented the secure RBAC management system.
* Implement automated build & deployment processes and created and maintained unit tests for applications.
* Set up CI/CD using Jenkins deploying SPA to AWS S3 buckets and developing AWS Lambda functions.
* Designed and implemented scalable architecture using Python, FastAPI and PostgreSQL and managed Redis cache to reduce the number of database queries.
* Designed and implemented backend apis using Node.js, TypeScript, Graphql, Prisma and PostgreSQL.
* Lead the engineering team according to TDD method and supervised and managed a dozen developers during the entire development lifecycle.

## Adobe , United States *- Full Stack Engineer* Mar 2017 - June 2019

* Increased the client’s revenue by up to 120% by launching a ski resort ticket booking platform utilizing the MERN stack (React, Node, Express.js, MongoDB, AWS).
* Built family vacation recommendation platform using React, Next, Node, Express, and Serverless framework.
* Delivered doctor consultation platform using React, React Native, Firebase, Node, Postgresql.
* Developed digital healthcare platform using React, and React Native and integrated third-party APIS such as Google Maps and Stripe to provide optimal user experiences.
* Created a real-time ride-sharing app like Uber to provide user-friendly service for drivers and riders using React, React Native, Django, Postgres, Redis, AWS, and Docker.
* Launched a food delivery platform, providing a good user experience to order and deliver food in a more efficient way using MEAN stack on Azure Cloud.

## CodeNinja Inc, Canada *- Frontend Developer* Oct 2015 - Feb 2017

* Developed multiple dynamic and browser-compatible pages using HTML5, CSS3, and JavaScript with 95+% accuracy.
* Managed content on WordPress and restructured site information architecture.
* Worked with a team of 5 professionals Front End Engineers and UI/UX engineers, designed and developed the front-end architecture of 8+ websites.

## EDUCATION

## Stanford University Oct 2011 - Oct 2015

Bachelor’s Degree Computer Science