Alexander Ford

Software Engineer

Software engineer with 8 years of experience embracing a wide range of technologies. Worked on 10+ different kinds of projects handling everything from product ideation to development, maintenance and ultimately client acquisition.

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EXPERIENCE

Create, Remote

Software Engineer

December 2022 – Present

- Connected phantom wallet and implemented discord OAuth Login in a job management platform
- Worked on a cross-platform mobile application with Vue and Ionic
- Joined a project to build an online shopping portal and added more than 5 features, increasing the website hits by 50% (Next.js / Nest.js / Docker / TypeScript / GraphQL / Tailwind CSS)
- Owned the frontend of an analytics system that provides insights and data related to blockchains in 5 ways (Remix / TypeScript)
- Migrated Vue2 application to use Vue3, Quasar and TypeScript, resulting in the performance increment by 20%

SAM Labs, Remote

Full Stack React Engineer

January 2022 – October 2022

- Designed and developed endpoints, UI and authentication system (Firebase) for the lesson content hub using Express.js, Prisma, React, SCSS, TypeScript and AWS services within a 6-members team
- Collaborated with the product manager to discuss, analyze requirements and manage workloads
- Migrated from RDS to DynamoDB and integrated an AWS AppSync API with GraphQL queries and mutations, improving the performance by 30%
- Resolved over 3 performance and scalability issues to continuously deliver high quality service
- Followed the agile principle and participated in important meetings for planning and decision making

LANGUAGE

HTML
CSS
JavaScript
TypeScript
PHP
Python

HARD SKILLS

React
Angular
Vue
Next
Nuxt
Svelte
Tailwind CSS/MUI/ChakraUI
Quasar
Node/Express/Nest
Mocha
Jest
Cypress
Laravel
Django/Flask
Git
Docker
AWS
Azure
GCP
Firebase

EXPERIENCE

Mobcoder, Remote

Software Engineer

June 2019 - December 2021

- Built the forecast dashboard for an AI platform with Angular, angular-data-grid, Flask and AWS, integrated 3rd party services including GA and Mixpanel, improved the user activity tracking ability by 40%
- Launched a mobile application to manage orders for patients using React Native and added more than 6 APIs to PHP/Laravel backend
- Took part in building an NFT marketplace with React, TypeScript, MUI and web3.js
- Created an automated documenting system with Quasar and showed efficient troubleshooting skill using Chrome developer tools, resulting in 35% reduction in bug reports and 25% improvement in overall application reliability
- Led frontend development team of 4 engineers, mentored junior developers and reviewed code
- Authored smart contracts and architected the frontend codebase of an application to mint NFTs (React/MUI/ethers.js/Solidity)
- Worked directly with the CTO to define, design and ship new features and revamped test cases, increasing the customer attraction by 30% (Express / Microservice / RabbitMQ / Travis CI / Vue / Mocha / Vitest)
- Architected a data-analytics app from the ground, delivered high-quality code with Svelte / SvelteKit
- Collaborated with UI/UX designers, provided feedback and achieved mobile first, pixel perfect UI from figma designs (React / TypeScript / Tailwind CSS / AWS)
- Familiarized with professional workflows involving CI/CD, clouding platforms, thorough commits and code reviewing
- Managed a good balance between the speed and quality to meet timelines, resulting in the increment of customer attraction by 15%
- Utilized Next.js to improve SEO of a video browsing platform and optimized performance, resulting in 25% reduction in website loading time
- Set up the component design system, created and maintained 10+ application-level components (React / Storybook)

Starkflow, Great Neck, NY

Full Stack Engineer

May 2017 - May 2019

- Designed and implemented an API system with Python/Django and GraphQL, wrote documentation for junior engineers

SOFT SKILLS

Communication
Flexibility
Teamwork
Problem solving

EDUCATION

Santa Clara University

Bachelor's degree in Computer Science

September 2011 - June 2015

Santa Clara, CA

- Improved the performance of the marketplace by 25% leveraging optimization techniques (Vue / Nuxt)
- Maintained the AI platform-based website and introduced Sentry for error tracking, resulting in 30% improvement in application stability (Vue3 / Python / Flask)
- Increased test coverage of the application to 90% by writing unit, e2e and integration tests with React testing library, Jest and Cypress
- Revamped a real time communication app for the staff of a company (React / Express / MongoDB / WebSocket / MUI)
- Utilized Static site generation and rebuilt the public website of a dental company with Gatsby, resulting in 50% faster load time
- Joined team projects for building customer-facing web applications and MVPs (React / SASS / Express / Django / GraphQL), increased monthly users to 2M on average
- Built the ticket management system with Express, React, Tailwind CSS and PostgreSQL and resolved conflicts with fellow engineers, reduced the development time by 25%

Baytech Consulting, Irvine, CA

Front End Engineer

September 2015 - March 2017

- Brought innovative solutions for customers seeking the ideal property, increasing user engagement by 30%
- Transformed over 3 businesses and agencies' main pages with React and Vue
- Constructed a comprehensive and data-intensive dashboard with interactive charts using Highcharts library
- Combined Laravel, MySQL and React to build applications according to requirements from diverse clients
- Enabled clients to obtain aesthetically pleasing user interfaces without diminishing functionality (React, Angular)
- Refined 20+ HTML pages to meet industry and company standards for SEO / Accessibility with React
- Crafted W3C compliant web pages using HTML, CSS, Bootstrap, JavaScript and jQuery
- Produced real estate valuation, analytics, and platform technology solutions as part of a 4-person team using Angular / RxJS