

Christopher Allen

Senior Full-Stack Web & Web3 Engineer

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About

Experienced full-stack web engineer with over 9 years of experience working with a variety of technologies – over half of that working remotely. I have extensive knowledge of front-end JavaScript and browser APIs as well as significant experience with popular frameworks and libraries like React and Vue.js. My deep full-stack experience includes Node.js Python/Django and PHP/Laravel.

Education

Bachelor's Degree | Aalto University | 2010 - 2014

- Major: **Computer Science**
- Studied AI/ML and Web Development area
- Researched ML-translation engine with corpus database written by Java and Python
- Rebuilt web application for school community platform

Experience

Senior Front-End Engineer | **Ncrypted Technologies** | Aug 2019 - Current

- Took part in many front-end applications' development using **React, React Native, Next.js, Vue.js, Angular TypeScript, GraphQL, Material UI** and **AWS Amplify**.
- Took ownership of certain, particular modules of the projects (e.g., admin part of machine-marketing app).
- Built common basic components and managed atomic UI components in **Storybook**.
- Built and published using **Babel** and **NPM** common components to **NPM** registry for micro-frontend implementation.
- Integrated 3rd party service – **Google Analytics** to analyze users' activities on the system.
- Translated **Figma** UI designs into pixel-perfect and well-organized pages.
- Implemented client-side data transformations to map, filter, reduce, etc. large datasets for display in interactive SVG charts using **D3.js**.
- Developed unit & e2e tests and component snapshot tests using **Jest, @react/testing-library** and **Cypress**.
- Increased the number of clients by 29% with the integration of i18n into the customer-facing application.
- Created fully-responsive custom **React Data Tables** for all mobile devices.
- Did a peer code review and mentored other junior members in the team.
- Utilized Skills: **JavaScript, TypeScript, React, React Native, Next.js, GraphQL, Tailwind CSS, Material UI, D3.js, Node.js, Google Analytics, Figma, Jest, @react/testing-library, Cypress, Storybook, AWS Amplify, Docker, Git, Jira**.

Full-Stack Developer | **Evernote** | Jan 2016– Jul 2019

- Redesigned the project architecture by micro-frontend and mid-tier microservices in **React**, **Vue.js** and **Node.js**.
- Took ownership of development of a unified rich text editor that runs on mobile, desktop and web for 200+ million users.
- Built scalable & robust **RESTful APIs** and **GraphQL APIs** to fetch data from the server using **Django Rest Framework** and integrated them into the front-end application.
- Built architecture for e2e test in the front-end application and increased test-coverage up to 75% using **Jest**, **@react/testing-library** and **Cypress**.
- Utilized Skills: **HTML/CSS, JavaScript, TypeScript, React, Vue.js, Node.js, Python, Django, GraphQL, RESTful APIs, Tailwind CSS, Material UI, Figma, AJAX, Firebase, MySQL, PostgreSQL, Git, Docker, Slack, Jira**

Full-Stack Developer | **SMARTrms, Inc** | Mar 2016 – Dec 2017

- Learned the basic knowledge and skills for web development.
- Helped a variety of startup companies to launch their MVP successfully.
- Took responsibilities for UI and coding individual programs from specific requirements.
- Created semantic pages and mocked up static pages using **Bootstrap** UI framework
- Mainly worked with **PHP/Laravel** to build MVP of an e-commerce platform.
- Migrated legacy **jQuery** version code to **Angular** version.
- Utilized Skills: **HTML, CSS, JavaScript, jQuery, React, Angular, Bootstrap, Tailwind CSS, PHP, Laravel and MySQL**.

Skills (Years of Experience)

- | | | | |
|--------------------|------------------|---------------------|------------------|
| • HTML / CSS (9) | • Angular (2) | • PHP (3) | • Chakra UI (1) |
| • JavaScript (8) | • Node.js (5) | • Laravel (3) | • Jest (4) |
| • TypeScript (5) | • Express.js (4) | • Ruby (2) | • Mocha (3) |
| • React (6) | • Nest.js (2) | • Ruby On Rails (2) | • Cypress (3) |
| • Next.js (4) | • Python (3) | • GoLang (2) | • AWS (3) |
| • React Native (3) | • Django (3) | • Tailwind CSS (3) | • Docker (3) |
| • Vue.js (3) | • FastAPI (2) | • Material UI (3) | • Kubernetes (2) |