

ARNOLD CHOY

Senior Software Engineer

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Summary

Experienced Web Developer with 9+ years of experience, adept with various technologies and programming languages including React, React Native, Next.js, Node.js and Ruby.

Prioritizes customer satisfaction, excels in agile environments, and seamlessly integrates into teams of all sizes. Impressive skill set and a valuable addition.

Experience

Fortunes Tech Vancouver, Canada
Senior Full Stack Developer 07/2022 - Present

- Mentored and provided technical guidance to an engineering team of 10+ members.
- Led and participated in the development of various web and mobile applications using cutting-edge technologies, including React, React Native, Next.js, and Node.js.
- Actively contributed to code reviews, ensuring code quality, maintainability, and adherence to best practices.
- Responsible for the DevOps role using GCP, AWS, Kubernetes and Docker.

Jobscan Vancouver, Canada
Senior Frontend Developer 10/2021 - 04/2022

- Served as a front-end engineer and did some full-stack work.
- Oversaw the MVP and beta launch, the product becoming profitable.
- Built a web extension for Chrome and Firefox - allowing users to collect, track and manage job applications from across the web.
- Refactored tests and implementation code throughout the codebase.

Cru Vancouver, Canada
Senior Frontend Developer 05/2020 - 09/2021

- Worked with a team of developers to migrate the existing UI from AngularJS to React, add an extensive list of new features, and add unit tests and component tests for all features, key users, and roles.
- Integrated a third-party identity service, OKTA, and related UI flows, including account activation, login, forgot password, and session management using JWT, token validation, and session cookies.
- Assisted in enhancing the schema for a RESTful API to optimize its consumption by Apollo Client.
- Revamped the entire components and pages with new Figma designs.

Flux Vancouver, Canada
Senior Full Stack Developer 12/2018 - 03/2020

- Led the end-to-end development process, including database design, frontend and back-end development, and AWS deployment, utilizing Node, React, React Native and MongoDB as the tech stack.
- Overcame the challenge of limited payment integration options in Malaysia by conducting extensive research and selecting the best available service.
- Developed the MVP within a tight timeframe of just 6 months, ensuring its successful adoption by customers who are now actively utilizing the platform's car and motorcycle lending services.

Moorhouse Coating Toronto, Canada
Full Stack Developer 10/2017 - 11/2018

- Served as a lead developer for building a complex project for managing painting proposals with POS, scheduling, task management, work orders, invoicing, and payment system.
- Focused on building front-end in user interface development and in customizing websites to be easy to update and use.
- Worked on managing the Git workflow, reviewing the tasks completed and code.
- Built RESTful and functional APIs that run on Node.js and use a connected PostgreSQL database.

Experience

WorkBoard

Toronto, Canada

UI Developer

08/2016 - 08/2017

- Built user interface, kanban board, data visualizations, and designed overall user experience.
- Wrote high-quality code covered with the unit and e2e tests.
- Implemented UI for visualization Nested Sets structure of documents display in a drag & drop file structure, files and folders view, creation, deleting, and editing.
- Supported the CTO with various management tasks as high-level architectural decisions.

Taskade

Toronto, Canada

Junior Full Stack Developer

04/2014 - 07/2016

- Built a feature to integrate all scheduled tasks and projects in the user calendar with our one-way syncing with API Token and wrote the instructions.
- Engineered a Node.js/Express server, utilizing routing and middleware capabilities to make request calls to an SQL database.
- Engineered an automated deployment strategy by integrating Mocha/Chai, Docker, and AWS EC2.
- Built front-end using React Hooks with Redux and Sass for styling.

Education

University of Toronto

B.S. in Computer Science

08/2009 - 09/2013

Skills

Client-side: React · React Native · Next.js · SCSS · LESS · Material UI · Tailwind CSS · Chakra UI · Ant Design

Server-side: Node.js · Ruby · MySQL · PostgreSQL · Elasticsearch · MongoDB

DevOps: Docker · Kubernetes · Azure · AWS · Google Cloud Platform

Volunteering

AllClear

Senior Full Stack Developer

03/2020 - 05/2020

AllClear is an open-source project for helping to fight COVID-19 by providing the fastest way to find a nearby test center.

- Worked as a senior full stack developer and a member of 30 person volunteers, committed to an open-source project for helping to fight COVID-19.

Freelancing

Freelance Full Stack Developer

02/2019 - 12/2021

Toptal

Freelance Full Stack Developer

04/2017 - 10/2020

Upwork

Certification

React Expert Certificate — Hackerrank

Backend Developer Certificate — Triplebyte

Find me online

LinkedIn

www.linkedin.com/in/arnold-choy

Portfolio

<https://arnoldchoy.netlify.app>