NANDA SYAHRASYAD

Full-Stack Software Developer

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EXPERIENCE

Peko
Lead Engineer, Founding Member

📅 Jul 2020 – Present   📍 Vancouver, BC

- Oversaw engineering efforts for mobile application built to reduce food waste through expiry reminders and effortless pantry management.
- Achieved **10% conversion rate** in beta sign-ups through design and implementation of landing page.

Tapestry Tool
Senior Developer (Vue.js, PHP, SQL, Wordpress)

📅 May 2020 – Present   📍 Vancouver, BC

- **Reduce monthly bug reports by over 2x** through implementation of comprehensive integration and end-to-end testing suite.
- **Reduce ticket turnaround time by over 3x** through integrating a continuous integration pipeline with **GitHub Actions** and **Cypress**.
- **Improve runtime performance by 8x** by optimizing Vue.js component renders.
- Spearheaded code migration from legacy framework to **Vue.js**.
- Manage team of 3 other developers through leading sprint planning and daily scrum meetings.

Software Developer (Part-time)

📅 Sep 2019 – May 2020   📍 Vancouver, BC

- **Improve application load times by 50x** through rewrite of core graph traversal algorithm.
- **Improve developer productivity by 2x** by migrating core app components out of legacy framework and into **Vue.js**.
- Aid in recruitment and management processes by onboarding 2 new hires and leading daily scrum meetings.

EXTRACURRICULARS

UBC Launchpad
Technical Lead

📅 Sep 2020 – Present   📍 Vancouver, BC

- Lead weekly sprint planning meetings, created weekly tickets and delegated pair programming groups.
- Mentored junior developers through the complete process of design and implementation of a full-stack web application.
- Conducted and led recruitment efforts through technical interviews and application screens.

TECHNICAL SKILLS

Programming Languages

HTML/CSS · JavaScript · PHP · TypeScript · SQL · Bash

Frameworks/Tools

React.js · Vue.js · Git · jQuery · React Native · Cypress.io · Node.js

EDUCATION

BComm, Combined Major Business and Computer Science
University of British Columbia

📅 Sep 2016 – May 2021

Notable courses:

- Software Construction (Java, JUnit)
- Computer Hardware and Operating Systems (Java, C, x86 Assembly)
- Relational Databases (SQL, Node.js)

OTHER PROJECTS

Playground
React, Web Workers, Babel

📅 Dec 2020

- Created a web-based JavaScript debugger using React, web workers and a custom babel plugin.
- Implemented dynamic code analysis (code instrumentation) through the traversal and modification of a JavaScript AST.

eVital
React Native

📅 Jan 2020

- Developed front-end for mobile application that allows doctors to remotely track patient vitals through wearables.
- Utilized Apple HealthKit API to allow app to seamlessly communicate with Apple Watch.
- Won nwHacks Wolfram Award for being in top 20% of participating teams.