

EMPLOYMENT

Software Engineer

Ninja Van

July 2018 - Present

Ninja Van is Southeast Asia's leading logistics provider, with the highest service coverage over 6 countries in the region. On the commercial team building out large scale, external-facing products.

1. External-facing dashboard

- Develop core features and flows on shipper dashboard using modern web stack, heavily utilising **React, Redux libraries** like **Redux-Saga**, and **Styled Components**
- Researched and implemented file upload/download utilities, integrated 3rd party APIS like Paypal
- Implemented error tracking with Sentry, thereby improving traceability of bugs and app crashes.
- Implemented push notifications with Firebase Cloud Messaging functions
- Worked in a cross-functional team of product managers, developers and designers in biweekly sprints to do feature implementation, testing, and troubleshooting
- Implemented reusable UI components in internal React library used across all frontend projects within organisation, and also reviewed code changes
- Worked on backend Golang micro service with test-driven development
- Carried out deployments for frontend releases with Bamboo

2. Ninja Website Revamp

- Worked as one of the 2 main developers on implementing company's public facing website that faces high volume of 1.1 million visits per month
- Worked mainly on GatsbyJS and GraphQL for tech stack
- Conducted unit and end-to-end browser-based testing using Jest, Mocha, Cypress
- Reduced main page load times by 30% and improved Lighthouse Audit scores using Gatsby's APIs for optimisations and Lighthouse Audit recommendations
- Implemented frontend code with cross-browser and cross-device compatibilities in mind
- Implemented features using React Hooks API and created custom hooks as well
- Implemented Google Analytics, Facebook Pixel, Adwords Integration into website for tracking, with country-specific configurations taken into considerations for design of said integration flow
- Took initiative to document basic deployment workflows in shared workspace, for on boarding and general knowledge sharing purposes
- Carried out deployments for frontend releases using Bamboo

Frontend Engineering Intern

Sephora SEA

December 2017 - January 2018

- Implemented a redesign of the website's shopping cart
- Built reusable UI components in VueJS
- Implemented designs with cross-browser compatibilities and devices in mind
- Part of early build of internal style guide that showcases Sephora SEA's branding and styles
- Took initiative to document setting up of development environment for Ruby on Rails for Windows machines

National University of Singapore

Teaching Assistant

Jan 2018 - May 2018

Course: Interaction Design

- Graded over 50% of course participants' assignments and conducted weekly lab sessions
- Crafted lesson plans covering HTML/CSS, Bootstrap, Invision, Sketch, jQuery

Software Engineering Intern

Boxed Wholesale

August 2016 - July 2017

- Built company web application features with React and Redux, with Node.JS for server- side Javascript, utilising 3rd party open source libraries for feature development
- Used npm and webpack for builds and tooling
- Improved workflow of company tasks through refactoring and migrating features
- Worked with and created RESTful APIs for system tasks and new features
- Responsible for updating MongoDB schema where necessary for business requirements

EDUCATION

Singapore, Singapore

**National University of
Singapore**

Fall 2014 - Aug 2018

- Bachelors in Computing in Computer Science, August 2018.
- Graduate Coursework: Biometric Authentication
- Undergraduate Coursework: Operating Systems; Data Structures and Algorithms; Game Design, Introduction to Virtual and Augmented Reality, Design and Analysis of Algorithms, Human Computer Interaction, Introduction to Computer Networks

TECHNICAL EXPERIENCE

Projects

More projects hosted at www.jlin95.github.io

IMPACT Hackathon NYC 2017

- Won first place at the IMPACT Hackathon
- Worked with cross-disciplinary team of UX designers and developers to develop a data visualisation solution in GoJS
- Solution allows non-technical users to visualize and understand algorithms through simple representations
- Developed in HTML/CSS, GoJS

TechCrunch Disrupt NYC 2017

- Worked among team of developers to develop a medication reminder system that integrates hardware and software
- Solution allows users to take medication and get daily reminders, with notifications sent to physicians for monitoring
- Used React, PubNub API for pubsub messages.

LANGUAGES AND EXPERIENCES

- Javascript, HTML/CSS, React, D3, Go, Java (working knowledge), Python (basic) , R (basic)