

Full Stack Software Engineer with four years of experience working in both small and large teams to develop reliable, scalable, and feature-rich applications. A self-motivated and keen learner familiar with modern technologies.

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## Work Experience

### **Software Engineer II (Full Stack)**

Jan 2022 - Present

Delivery Hero - foodpanda

- Led the complete redesign of the backend incentives optimization structure which enabled executing simultaneous experiments and dynamic rules, determining the best possible incentives for each user according to business needs
- Led the cross-team effort to migrate incentive precedence logic into Incentives Orchestration, resulting in complete control over all filters/sorting logic to rearrange, modify and remove as required
- Led the integration with the internal experimentation platform, enabling the development of our own experiments, resulting in an increase of FLGP (GMV - incentives) by 2%

### **Co-founder · Mobile Developer, UI/UX Designer**

Aug 2020 - Jan 2022

Adhocado

- Led the development of the mobile application using React Native and Expo
- Designed over 4 interactive mockups of the mobile application, constantly iterating the UI/UX according to feedback
- Performed customer discovery with over 170 respondents, constantly testing the user flow and refining our value proposition

### **Software Engineer (Full Stack)**

Aug 2019 - Jul 2020

Prepr

- Created the onboarding journey for new joiners, providing a smooth introduction into the platform while updating their personal profile along the way
- Managed a development team, overseeing the development of features and bug fixes of Prepr web and mobile
- Created custom features for the Prepr web platform using the LAMP stack (Linux, Apache, MySQL, PHP), and the Laravel framework
- Automated quality assurance checks by writing scripts in Python using Selenium, Browserstack and Jenkins for both the web and mobile platforms, ensuring stability

## Projects and Achievements

### **Innovation and Entrepreneurship Practicum Award**

Jun 2020

NUS Enterprise

- Received \$10,000 in grants to pursue Adhocado, a platform that simplifies how groups of friends find common time

### **Winner of UofTHacks VII Hackathon**

Jan 2020

Toronto, Canada

- Won 1st place out of over 400 participants
- Created a machine learning middleware with Python, Flask and scikit-learn that informs users if they should approach the cardiac arrest victim directly or make a detour to retrieve the nearest AED, based on the higher survival rate

## Education

### **National University of Singapore**

Aug 2017 - Jan 2021

- Bachelor of Business Administration (Honours), Minor in Computer Science (CAP 4.49/5)
- NUS Overseas Colleges (NOC Toronto, Batch 3) - Entrepreneurial Studies

## Skills and Certifications

Languages and Technologies: Go, Python, TypeScript, JavaScript, React, MySQL, Docker

Certifications: AWS Certified Solutions Architect - Associate