Sieow Je Min

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

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
- Integrated 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, reiterating the UI/UX according to user feedback
- Performed customer discovery with over 170 respondents, constantly testing the user flow, and refining product features and 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 allowing them to update their personal profile along the way
- Managed a development team, overseeing the development of features and bug fixes of Prepr web and mobile app
- Developed 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 web and mobile, ensuring stability across all platforms

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
- NUS Overseas Colleges (NOC Toronto, Batch 3) - Entrepreneurial Studies

Skills and Certifications

Languages and Technologies: Go, Python, TypeScript, JavaScript, React, React Native, Postgres, Docker
Certifications: AWS Certified Solutions Architect - Associate