

Summary

Highly motivated senior software engineer with extensive experience working on different technologies. A team player with great communication skills who possesses excellent analytical and trouble shooting capabilities. A quick learner with a passion for learning new technologies.

Education

- National University of Singapore (NUS)** Singapore
Bachelor in Computer Engineering [Hons] Aug. 2009 - May. 2013

Work Experience

- Funding Societies** Singapore
Senior Software Engineer Sep 2019 - Present
 - Head a team of 5 to architect and implement a service to provision Virtual Credit Cards for small businesses in Singapore.
 - * Integrated with 3rd Party Vendor for user, wallet and card provisioning.
 - * Developed webhooks to authorize or reject card transactions in a timely manner.
 - * Scheduled monthly jobs to generate and send statements to card owners.
 - Redesigned and automated an application registration process, which reduced the time taken to modify or launch a new application from weeks to minutes.
 - Built and launched Buy Now Pay Later (BNPL) in Indonesia, which is offered on various e-commerce platforms and has more than 50,000 applications so far.
 - Worked on various new features and work flows for trade finance SaaS platform which serves small businesses across 5 different countries in South East Asia.
- Plunify** Singapore
Senior Software Engineer May 2016- Sep 2019
 - Main developer for Web and Cloud platform involving new architecture and legacy code.
 - * Launching of AWS cloud instances for FPGA chip optimization.
 - * Developed credits and cloud instance management platform.
 - * Integrated payment and OAuth services for web application.
 - Developed and integrated desktop GUI application with cloud platform.
 - Created machine learning algorithms which reduced FPGA chip optimization times by 20%.
 - Performed data visualization and analysis of FPGA data to gain insights into FPGA optimization.
- Bioinformatics Institute** Singapore
Software Developer Aug 2013 - Apr 2016
 - Implemented a novel microscopy screening algorithm and helped reduce acquisition time by 40%.
 - Performed image registration on biomedical image slices for drug analysis.
 - Developed image processing algorithms and software for fly specie detection with 99% accuracy.
 - Analysed and provided machine learning solutions for FPGA timing and optimization problems.

Skills

Languages: Javascript, Go, Java, C++, Python, R, PHP, SQL, HTML, CSS

Libraries/Frameworks: NodeJS, Git, JQuery, Angular, AWS

Certifications: AWS Certified Developer