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Jian Wei Chuah

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Work Experience

Senior Software Engineer **Google Pay, Singapore** **Oct, 2020 - Present**
- Tech lead of a team of 7 working on growth in Singapore (since 2019) and Rest of World expansion.
- Conducted more than 55 tech interviews, 37 internal awards and bonuses so far.

Software Engineer III **Google Pay, Singapore** **Oct, 2017 – Oct, 2020**
- Part of the founding team that started and launched bill payment and mobile recharge in 2018 in India which is now the main source of revenue for Google Pay India.
- Spearheaded and led major efforts in account modeling, PayNow integration, merging of Google Pay India and Android Pay with a rewrite on Flutter which was launched in SG, and the US in 2020.
- Founded, architected and led a team of 3 to build Bill Split, launched in SG and the US.

Software Engineer II **Google Pay, Singapore** **Jun, 2016 – Oct, 2017**
- Part of the founding team that started the project in 2016, launched in September 2017 as Tez, rebranded in September 2018 as Google Pay which now has 125M monthly active users in India.
- Significant contributions in the Android native app and backend servers on the core payment flow, app onboarding flow, payment method management, UPI integration, Audio QR.

Software Development Engineer **Amazon.com, Toronto** **Jun, 2015 – Jun, 2016**
- Amazon Fulfillment Technologies – building, maintaining and scaling the platform services that serve product information required for all fulfillments center operations. Java, Ruby, AngularJS, AWS.
- Designed and implemented a caching layer for a catalog service which reduced the latency by 3x.

Software Engineer Intern **Marin Software, San Francisco** **May, 2013 – May, 2014**
- Developed backend code in Java for Marin Software's Online Advertising Management Platform.
- Reduced significant time and increased reliability in resolving data discrepancies by building an automated asynchronous tracking URL validation system that processes millions of ads daily.

Software Engineer Intern **Next Mobile (Startup), Toronto** **Summer 2012**
- Designed, developed, launched a social networking app on Blackberry (Electric Courage).

Computer Vision Research Intern **University of Augsburg, Germany** **Summer 2012**
- Researched on object detection methods focusing on PASCAL VOC2007 Object Detection Challenge.
- Optimized the overall object detection system by 30%.

Education

Toronto, ON, Canada **University of Toronto** **Fall 2010 – Summer 2015**
- B.A.Sc in Computer Engineering with High Honours, minor in Engineering Business
- Cumulative GPA: 3.83 out of 4.0 (Dean's Honors List). Graduation date: June 2015
- Coursework: Distributed Systems, Operating Systems, Algorithms & Data Structure, Databases (SQL), Computer Networks, C++, Object Oriented Programming (OOP), Computer Architecture.
- **Personal Development:** Udacity: Web Dev., Python. Coursera: Web App., Startup Engineering.
- **Top 5 finalists, Hackathons**: UofTHacks 2015 – 5/112, AngelHack Kuala Lumpur 2015 – 5/50.
- **Attendee,** Startup School 2013, Y Combinator.
- **German Academic Exchange Service Scholarship** (2012): Summer research position in Germany.

Languages and Technologies
- Java, Dart, C, C++, Python, Go, Assembly, Matlab, PHP, AngularJS, JavaScript, HTML5, CSS3
- Flutter, Android, JUnit, Mockito, Eclipse, SVN, Git, Django, Heroku, Linux, UNIX, Mac OS