

# Hans, Zihan LI

FULL-STACK SOFTWARE ENGINEER

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## Education

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### Carnegie Mellon University

Master of Science in Software Engineering

Mountain View, CA

Aug. 2020 - Present

### Hong Kong Baptist University

Bachelor of Science in Computer Science

Hong Kong

Sep. 2011 - Apr. 2016 (cGPA: 3.59/4.00)

## Work Experience

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### PayPal

SOFTWARE ENGINEER INTERN

Mountain View

May. 2021 - Aug. 2021

- Integrate with SignalFX and Splunk to improve observability of Node.js based applications, create alert detectors and improve debugging workflow
- Improve developer experiences by refactoring webpack config for various applications
- Participate in various feature development for merchant experience portal in PayPal

### Neat Ltd.

SENIOR FULL-STACK ENGINEER

Hong Kong

Oct. 2018 - Aug. 2020

- Implemented multiple applications with Node.js, Ruby, GraphQL, React.js and Postgres
- Conducted 3 internal sharing about OAuth, GraphQL, session/cookie
- Designed and developed dynamic transaction monitoring system with Postgres, supporting 40+ rules
- Mentored and on-boarded 3 junior developers, participated in technical interviews
- Refined CI/CD pipeline with CircleCI, eliminated manual jobs and reduced deployment time to production from 30 mins to 10 mins
- Introduced SCRUM to the company, trained the team, setup JIRA board with automation, arranged SCRUM ceremony meetings (Daily Scrum, Sprint Planning, Sprint Review, Retrospective)
- Built Infrastructure As Code (IaC) with Terraform to manage AWS accounts (VPC, S3, IAM, RDS, EKS, Elastic Cache)

### AfterShip Ltd.

SENIOR FULL-STACK ENGINEER

Hong Kong

Jul. 2016 - Oct. 2018

- Led a team of 5 people to deliver Single-Sign-On system, together with integrations to multiple e-commerce applications with Node.js and React.js
- Implemented monthly subscription fee model (monthly fee + usage fee) for 2 main products with Google Cloud Spanner and GKE
- Assisted SRE team to dockerize our applications and migrate them to Kubernetes
- Participated in company UI component library development, supported 30+ components
- Automated deployment pipeline with Jenkins with Jenkinsfile, reduced deployment time from 40 mins to 10 mins

### IBM Hong Kong China Limited

PLACEMENT STUDENT

Hong Kong

Jun. 2014 - Dec. 2014

- Helped to test and deploy banks' Counter-Teller(CT) system

## Open Source

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### <https://github.com/hans-lizihan/bull-master>

Creator, maintainer

Jul. 2020 - Present

UI visualization for operation with queue library bull.js, built with react.js, material-ui, express.js

## Skills

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**Programming** Node.js, Ruby, PHP, Elixir

**Web** Vue.js, React.js, Koa.js, Express.js, Next.js, GraphQL, Laravel, Sinatra, Ruby on Rails, Phoenix

**DevOps** Kubernetes, AWS, GCP, Terraform, Jenkins, TravisCI, CircleCI

**Management** SCRUM, Jira, OKR

**Languages** English, Chinese(Mandarin), Chinese(Cantonese)