Hans, Zihan LI

FULL-STACK SOFTWARE ENGINEER

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Education

Carnegie Mellon University *Mountain View, CA*
Master of Science in Software Engineering *Aug. 2020 - Present*

Hong Kong Baptist University *Hong Kong*
Bachelor of Science in Computer Science *Sep. 2011 - Apr. 2016 (cGPA: 3.59/4.00)*

Work Experience

PayPal *Mountain View*
SOFTWARE ENGINEER INTERN *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 varies applications
- Participate in varies feature development for merchant experience portal in PayPal

Neat Ltd. *Hong Kong*
SENIOR FULL-STACK ENGINEER *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 (IaS) with Terraform to manage AWS accounts (VPC, s3, IAM, RDS, EKS, Elastic Cache)

AfterShip Ltd. *Hong Kong*
SENIOR FULL-STACK ENGINEER *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 *Hong Kong*
PLACEMENT STUDENT *Jun. 2014 - Dec. 2014*
- Helped to test and deploy banks' Counter-Teller(CT) system

Open Source

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

Programming Languages	JavaScript, TypeScript, Ruby, PHP, Python, SQL, C, Elixir, Swift
Web	Node.js, 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)