Qin Guan

Software Engineer

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Experience

2017 – Present
Co-Director, CodeCollab Pte. Ltd
- Oversee product development and engage with clients
- Build and maintain global infrastructure (various HashiCorp products, Google Cloud, etc)
- In house API gateway service (Go)

Aug 2022 - Oct 2022
Software Engineer (Intern), Open Government Products, GovTech
- Build and deploy internal tools for the form.gov.sg product operations team
- Primarily utilized NodeJS, React and AWS

Jan 2021 – Oct 2021
Software Engineer (Intern), PigeonLab Pte. Ltd
- Revamp an internal application
  - Angular 1 with Express → Vue 2 with Express
- Public API (Go)
- Developer Portal (React)

2020 - Present
Software Consultant, GeeksHacking LLP
- Mentor juniors in the Infocomm Club in both technical and leadership areas

2019 – 2020
Software Engineer, Inside Technologies Pte. Ltd
- Built web platform
- Managed cloud platforms (Google Cloud, Tencent Cloud)
- Introduced CI/CD into the development workflow (Teamcity)

2018 – 2020
CTO (iOS & React), Infocomm Club
- Promoted the use of React/React Native
  - Assist students in getting started with the framework
- Conducted 5-day course on React Native
  - Basics of ReactJS, etc
  - Advanced usages with Redux and RNFirestore
- Assisted students in developing their iOS applications
- Maintained club's iOS resources
  - Deploying apps to the app store, etc

Education

2021 – Current
Cybersecurity and Digital Forensics
Ngee Ann Polytechnic

2018 – 2019
Swift Accelerator Program
Apple & IMDA

2017 – 2020
O Level Computing
School of Science and Technology, Singapore

Certifications & Awards

- **Apple** App Development with Swift (Level 1)
- **IMDA** SG:D Techblazer Award (Student) Silver
- **Microsoft** Imagine Cup Junior 1st Runner Up

Skills

- **Web Development** with Vue, React, NodeJS, Go, Rust
- **App Development** with Swift, React Native, Flutter
- **Security** with OAuth2.0
- **DevOps** with HashiCorp, Google Cloud, GitLab CI, Kubernetes