
Experience

Full Stack Developer @ Tesla

Nov 2022 - Feb 2023

Golang, Typescript, React.js, MySQL, GORM, Docker Swarm, Jenkins

- Working with UK, EU colleague to maintained and resolved bugs in a Python-based documentation generator
- Refactored an existing project, halved building time and **reduced hot compile time by 90%**.
- Integrated with **Tesla SSO** for user authentication and **JWT** for authorisation, enhancing the security.
- Built an internal data dashboard, providing valuable insights and data analysis
- Implemented Docker Swarm for **zero downtime upgrades** and high availability

Game Developer @ Hortorgames

Sep 2020 - Apr 2022

Typescript, Python, Golang, MongoDB

- Developed and maintained multiple mobile games with 1.5M DAU
- Independently developed two in-game events, **increasing income by 35%**
- **Built** various game events, both **frontend and backend**, including friend system and live battle
- Enhanced the performance of the chat system, startup resources, and reduced the overall size of the package
- **Refactored** the Ads System, reducing adaptation costs by **fixing 95% of layout errors** and **increased ARPU**
- Analyzed user behavior to improve the Ads models
- Developed and optimized the ad models based on existing projects (Cocos Creator & Unity)
- Compiled game into native platform (iOS & Android) and integrated native platform SDK
- Resolved bugs by reviewing the **source code of the game engine**

Test Developer @ Hortorgames

Aug 2020 - Sep 2020

Python, Socket, Testing Framework

- Constructed an automatic testing framework for the mini-game using the Socket API

Web Scrape Developer @ ShareIt

Mar 2020 - Jun 2020

Python, Golang, Scrapy, Colley

- Against anti-crawl systems with **IP proxy pool**, conducted **reverse engineering** of a Hash Function.

Education

Bachelor of Computer Science @Monash University

Mar 2019 - Nov 2023

Courses: Introduction to Computer Science/Data Science, Algorithms & Data Structures, C++, Data Modelling, Data Visualization, Operating System, Usability, Theory of Computation, Databases, Data Analytics

Projects

Law Handbook

Mar 2022 - Current

Swift, SwiftUI, SQLite, CI/CD

- Native iOS App built with SwiftUI, Editors' Choices
- 40,000+ downloads, 1.8K GitHub stars, 4.9/5 with 300+ ratings

BangumiBot

Jul 2022 - Current

Python, FastAPI, CI/CD, Redis

- Developed an automatic anime downloading tool with support for HTTP callbacks or script triggers
- Compatible with multiple clients (Aria2, qBittorrent, Transmission) and online drives (Pikpak by PR)

Bangumi.tv Server (Community)

Oct 2022 - Current

Golang, Fiber, Uber fx, MySQL, GORM, Testify

- Contributed **10+ RESTFul APIs** and **OpenAPI documentation** with **80% Test Coverage**

Skills

Python, Golang, Typescript/Javascript, Java, C++, Git, Docker, Vim, Bash/Shell, Jenkins, Linux, Kubernetes, MySQL, Redis, MongoDB, SQLite, Milvus, Flask, Gorm, React.js, Vue.js, Gin