

Ricky Jia

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HIGHLIGHTS

- **4+ years'** experience in software development, specializing in **full-stack/mobile development**, strong understanding of object-oriented programming, data structures, design patterns and version control tools
- Proficient in building modern SPA with responsive front-end frameworks like **React/Redux**, dynamic back-end architecture by **Golang/gRPC**, Postgres, **Node.js** MongoDB, RestAPI, etc.
- Extensive experience in mobile development (Android & iOS) using React Native, Flutter
- Comfortable working with Linux-based dev environments and production environments like **Docker**, **AWS**, **K8s**, GitHub Action, web testing tools (Postman, Chrome DevTools) and utility tools like Swagger, etc.
- Trustworthy, motivated and discreet, capable of both working independently and collaborating with colleagues in an Agile team
- Comfortable working in a fast-paced environment with excellent time management & interpersonal skills

CODE FOR FUN

PeakPal Ski

Sep. 2023 - Current

- Solo developing a skiing app facilitating carpooling, instructor finding, and a skiing forum.
- Initiated the project from scratch, designed a scalable Golang microservices architecture using gRPC to ensure code is clean, testable, and well-structured.
- Implemented a streamlined CI/CD process for automating Docker image build and upload, application deployment using GitHub Actions, Kubernetes, and AWS

WORK EXPERIENCE

Software Engineer, *Funglyn Inc., Richmond Hill, ON*

Aug. 2023 – Current

Building .Net web app, and C++ application to manipulate PCR testing machines.

Software Engineer, *Evilnut Creative Technology., Vancouver, BC*

Aug. 2020 – Apr. 2023

- Provided solutions for clients and engaged in client's requirement meetings with team members to achieve specification preparation, application design, storyboard and developing API servers.
- Developed a comprehensive college website, including course management, news updates, live chat, student registration, and tuition payment. Enhanced administrative efficiency and student satisfaction by streamlining processes and providing a centralized platform. Significantly improved the academic experience for thousands of students, faculty, and staff.
- Implemented a Golang/Gin RestAPI integrated with a PostgreSQL database to extract and analyze data, facilitating a high school admission success rate estimation service for an educational institution. Managed the end-to-end CI/CD pipeline efficiently using GitHub Actions.

Software Engineer I, *CoinChain Capital Inc., Richmond, BC*

Apr. 2019 – July. 2020

- Modified the layout and added video playing/sharing function to a language learning iOS app named *Heyni*, which supports online language training session appointment and delivery
- Designed a Node.js/Express/Router/jwt/Mongoose for the back-end, and integrated 3rd-party APIs like Wechat Pay and Tencent Cloud with features like video-based language learning, task assignment & rating, online payment, etc.
- Participated in an e-commerce site development with main features like store/product management (Ant Design Pro), mobile app, customized displaying & filtering and CRM section; modified & debugged the APIs according to ever-changing business logic
- Developed admin portals to help user managing their cloud service & data using React, Redux

EDUCATION

B.Sc, Majored in Computer Science, *University of Manitoba, Winnipeg*

Sep. 2011 - Dec. 2017