Cheung Ming Yin, Cyril
📞 9170 4590 | ✉ cyril7925@gmail.com
🔗 LinkedIn | cv website

Professional Summary

Innovative IT Programmer with over 5 years of experience in developing scalable applications and optimizing system performance. Proficient in Java, JavaScript, and TypeScript, with a strong foundation in agile methodologies. Passionate about solving complex problems and continuously exploring new technologies.

Technical Skills

Languages: Java, C++, PHP, JavaScript, TypeScript, CSS (SASS/SCSS), Shell Scripting
Frameworks & Libraries: ReactJS, Angular, Node.js, Java Spring Boot
Web Servers: Tomcat, Apache, ExpressJS
Tools & Platforms: Git, Docker, Kubernetes, AWS
Databases: MySQL, PostgreSQL, MongoDB, Oracle
Other: API Development, RESTful/GraphQL Services, Microservices Architecture

Professional Experience

Freelance IT Developer
Self-employed
Aug 2022 – Present

- Built custom school websites with responsive and intuitive interfaces tailored to educational environments.
- Collaborated with school staff and stakeholders to gather, analyze, and refine requirements.
- Delivered full-stack solutions using ReactJS, PHP, and Java Spring Boot.
- Handled the complete software development lifecycle, from planning to post-launch support.
- Tried to build React Active Apps for my personal project

Software Programmer
Crypto.com
Dec 2020 – Jul 2022

- Developed and maintained the NFT Marketplace and Tax Projects under the New Venture Team.
- Designed scalable microservices architecture for modular and maintainable systems.
- Implemented frontend features with React v16/17 and backend services with Node.js and NestJS.
- Conducted peer code reviews for a development team of over 20 engineers, ensuring code quality and knowledge sharing.
- Integrated RESTful and GraphQL APIs for seamless service communication.
- Utilized Redis and PostgreSQL; optimized performance and database schema.
- Implemented RabbitMQ for asynchronous service communication.
- Collaborated cross-functionally with App and Payment teams.
- Leveraged AWS services (e.g., CloudFront, Lambda, Secret Manager) for cloud-native development.
- Practiced Agile development and automated workflows with CircleCI.

Senior Programmer
Cityline (HK) Limited
Mar 2019 – Jul 2020

- Developed and maintained systems for Disney hotel reservations and Ocean Park ticketing.
- Utilized Angular (versions 2, 5, and 8) for frontend development.
- Built backend services using Java Spring Boot.
- Employed Redis and PostgreSQL for data management.
- Participated in Agile development cycles.

System Developer
ET NET Limited
Sep 2017 – Nov 2018

- Developed features for a real-time stock quote system.
- Built frontend interfaces with AngularJS and Angular 6.
- Developed backend services with MySQL and Java Spring Boot.
- Used WebSocket for high-volume real-time data streaming.
- Optimized performance for cross-browser compatibility, enabling 50+ real-time stock displays.
- Created responsive web applications and integrated with mobile platforms.

Education

BSc (Hons) in Information Technology
The Hong Kong Polytechnic University

- **Honours/Awards:** Second Class Honour, Division 1