Feena Fung

Toronto, ON | +1 (437) 263-2220 | feenafungftl@gmail.com

linkedin.com/in/feena-fung | devfeefung79.github.io/feena-fung | github.com/devfeefung79

Summary

Dedicated full-stack developer with nearly 6 years of experience. Skilled in designing and implementing scalable microservices, distributed systems, with frontend expertise in React and TypeScript. Known for a proactive approach and strong cross-team collaboration, contributing to reliable and maintainable software.

Skills

Backend Dev.: Java (**Spring Boot**), Node.js (Express), Python, **SQL**, MongoDB, Apache Solr
APIs, Testing & Infrastructure: Microservices, **REST APIs**, Swagger, Postman, JMeter, Kafka
Frontend Dev.: React, Redux, Next.js, **TypeScript**, JavaScript, HTML, CSS/LESS/SCSS, Jest, Selenium
Cloud & DevOps: AWS, **Docker**, Kubernetes, **Git**, CI/CD, **Jenkins**, Prometheus, Grafana
Data Pipeline: AWS S3, AWS Redshift, Apache Airflow, Linux, ETL, Informatica, Tableau
Soft Skills: Team Player, Problem-Solving, Resilience

Experience

Software Developer, LyricFind Inc. *(Toronto, ON, Canada)*   Aug 2022 – Present

Task Services – a microservices-based task scheduling and orchestration project
- Guided project direction with informative technical research and solution analysis
- Executed full-stack development for an admin panel, utilizing **React**, **Redux Toolkit**, **JavaScript**, Bootstrap, **Java** and **Spring Boot**, enabling efficient task scheduling with management features, **boosting operational efficiency by 50%**
- Designed and implemented a batching strategy for OpenAI API requests, **cutting operational costs by 50%**, while enhancing monitoring and retry mechanisms for improved system reliability
- Facilitated the transition from a monolithic to a microservices architecture with **Jenkins and Docker Compose, enhancing system scalability by 40%**

WordByWord – an internal system enhancement for lyrics collaboration
- Contributed to full-stack development with **React**, Redux, **TypeScript**, **Java**, Spring, and **MySQL** for an internal system revamp, **doubling related content generation**
- Modified and enhanced client APIs based on evolving requirements, ensuring backward compatibility through comprehensive testing with **Postman** and **JMeter**
- Actively participated in **Agile** activities, supporting team collaboration and maintaining momentum

UGC – a high-performance global lyrics site with charts, translations and user edit features
- Developed and maintained using **Java**, Spring, Apache Solr, and **MySQL** serving **200,000+ monthly users**. Designed and executed thorough test plans for APIs and user interactions, **reducing application defects by 40%**
- Led a submission review and approval workflow project end-to-end from requirements gathering and UI mock-ups to frontend development (React, Redux, JavaScript) and API implementation, **resulting in a 50% faster lyrics data review process**

- Championed knowledge sharing and mentorship through code reviews and best practice discussions, significantly improving team efficiency and code quality

Analyst Programmer, IBM *(Hong Kong)*   Feb 2021 – Feb 2022
RISE – Accounting Data Integration Pipeline (Client: Cathay Pacific Airways)
- Built a scalable data warehouse and ETL ecosystem using **AWS Redshift**, EC2, S3, and Informatica, integrating Airflow, **Python**, and Lambda to process **300,000+ monthly records**
- Implemented Kafka for near real-time change data capture, **reducing data latency by 30%**, and adopted AWS CloudWatch for centralized monitoring and retry triggers, **lowering ETL failure rates by 20%** and **improving data accessibility by 25%**

Programmer, DXC Technology *(Hong Kong)*   May 2020 – Feb 2021
PASS – Performance Assessment Scoring System (Client: Hong Kong Housing Authority)
- Engaged in application development using **Java**, Spring, JSP, AngularJS, Hibernate, **SQL**, and Oracle DB, resulting in a **30% improvement in system responsiveness and user satisfaction**
- Committed to quality by preparing comprehensive test case documentation and automating integration test scripts with **Selenium**, which **reduced testing time by 20%** and ensured higher reliability of the application
- Developed 40+ user reports for performance review utilizing Jasper Report, providing data insights and facilitating decision-making processes, contributing to a **25% increase in productivity**

Developer, Lenovo PCCW Solutions *(Hong Kong)*   Aug 2019 – May 2020
ALPS – Licensing Approval Platform (Client: Securities and Futures Commission of Hong Kong)
- Directed the development of a microservices architecture using **Java**, **Spring Boot**, REST APIs, and MyBatis, achieving a **40% increase in business efficiency** through e-forms and application tracking
- Developed and optimized an application dashboard module using **React**, **TypeScript**, and LESS, which included 60+ reusable components, promoting code quality
- Collaborated with UI/UX designers using **Figma** to validate the design aligned with the project requirements, eliminating ambiguity and avoiding subsequent rework, **leading to a 20% reduction in overall development time**
- Utilized **Docker** for containerization and **Jenkins** for CI/CD, ensuring consistent environments and **reducing deployment times by 25%**

Qualification
- **AWS Certified Solutions Architect – Associate**, Amazon Web Services   Jan 2022 – Jan 2025
- **Microsoft Certified: Azure Data Fundamentals**, Microsoft   Jul 2021
- **Microsoft Certified: Azure AI Fundamentals**, Microsoft   Jun 2021
- **Microsoft Certified: Azure Fundamentals**, Microsoft   May 2021

Education
Bachelor of Business Administration in Management Science
City University of Hong Kong   Sep 2015 – Jul 2019
- Major in Business Analysis, Minors in Computing & Information Management for Financial Services
- Second Class Honours, Upper Division (CGPA: 3.22)