Junqing Lim

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SKILLS

Programming: Python, Java, C/C++, JavaScript/TypeScript, Go, Bash, SQL
Technologies: MySQL, Kafka, Linux, Docker, AWS, Git, Jira, DataDog, Confluence

WORK EXPERIENCE

Dealer-FX – Software Developer Intern   *May 2023 – Present*
TBD   Markham, ON

Delivery Hero (foodpanda) – Software Engineer   *Oct 2021 – Aug 2022*
Customer Service System   Singapore (Remote)
- Extended job scheduler service for jobs creation and deletion to resolve customer tickets automatically using **SQS** and **DynamoDB**, impacting over **1M users** and reducing overall case **resolution time** by over **30%**
- Integrated customers, riders and vendors into a single support platform using **Go**, improving agent efficiency and customer engagement by over **50%**
- Utilised **k6** to perform load testing, analysing service requests and throughput on services endpoints
- Created service monitoring with custom monitors using **Terraform** and **DataDog** to alert critical issues and high compute usages to on-call team

Monash UReview – Software Engineer (Part-Time)   *Dec 2020 – Jun 2021*
Campus Student Feedback System   Kuala Lumpur, Malaysia
- Built and maintained code for student feedback system in **Django**, consisting over **7.5K visitors** and **220K views**
- Implemented API on general surveys and student reports aggregation using **REST**
- Refactored and standardised API and code practices with design patterns such as adapter and template method, improving code maintainability

MoneyLion – Software Engineer Intern   *Dec 2020 – Feb 2021*
Banking Verification System   Kuala Lumpur, Malaysia
- Engineered user account status update using **Apache Kafka** and **Java Spring Boot** to eliminate manual human resolution on ticket-based requests
- Built a user data migration tool for use by internal database using **SQL** to securely update **5M+ confidential transactions** of various financial providers
- Investigated and eliminated over **30% of production bugs** with **NewRelic** and reduced compute costs by over **15%**
- Developed scripts in **Java** for backfilling of users' accounts transactions, impacting over **1.5M users**

PROJECTS

Tutor-Student Matching App   *github.com/tutor-student-matching*
- Built and designed a desktop application with **Java** that connects students to tutors with bidding of subjects
- Developed using **design patterns** (i.e., adapter, observer) to support extensibility
- Leveraged Model-View-Controller **(MVC) architecture** to ensure maintainability, low coupling, and separation of concerns

EDUCATION

University of Waterloo (Canada)   *Sep 2022 – Aug 2023 (Expected)*
Master of Mathematics (MMath) in Computer Science (Co-op)   GPA: 3.84/4.00, Average: 89
Relevant Areas: Databases, Systems, Software Engineering

Monash University (Australia)   *Jul 2018 – Jun 2021*
Bachelor of Computer Science   GPA: 3.95/4.00, Average: 87 (High Distinction)
Relevant Courses: Algorithms, Data Structures, Databases, OS