# Vo Quoc Huy

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## EXPERIENCE

**Athena Studio** | Tech: Python, FastAPI, GCP, Redis, SQL, Airflow      Ho Chi Minh City, Vietnam
*Software Engineer*      *Nov 2022 – March 2024*

- Develop and maintain robust pipelines for automated data collection from diverse sources to warehouse, contributing significantly to the analysis of company revenue and cost.
- Implement a monolithic high-throughput system, processing and storing millions of events daily from diverse clients by utilizing Google Cloud Pub/Sub, contributing to a 25% of system costs reducing.
- Implemented an microservice in-app purchase system, managing the processing, verification, and storage of user notifications and receipts during payments, empowering mobile teams with streamlined tracking and analysis.
- Refactor legacy code, restructuring folders, introducing unit tests, and rewriting deprecated services, resulting in a 35% increase in efficiency for adding new feature while enhancing code readability, and maintainability.

**Employment Hero** | Tech: Ruby, Ruby on Rails      Remote
*Junior Backend Software Development Engineer*      *Apr 2024 – Present*

## PROJECTS

**Full Stack Social Platform** | Tech: Java, Spring Boot, PostgreSQL, Redis, Kafka, GCP, React, JavaScript    *GitHub*

- Consulting and supporting backend team in implementing an optimized caching mechanism.
- Authenticate, validated and processed user data, orchestrating seamless communication between the frontend and backend through REST APIs, ensuring a secure and smooth user experience.
- Led the front-end team to develop and deliver an engaging, user-friend, and responsive website.

**Shoppingify Management** | Tech: React, Styled Components, TypeScript, Express, MongoDB    *GitHub*

- Build and deployed a responsive website with search, filter, and checkout capabilities.
- Implement transaction history tracking, trending products for user, management dashboard for admin.

**Journeys Internal Dashboard** | Tech: Java, Spring Boot, Angular, PostgreSQL, Redis    *GitHub*

- Managed task assignment and deadlines, incorporating Agile methodologies, reviewing member's code.
- Implement a robust backend system with effective caching strategies to optimize performance.

## EDUCATION

**Royal Melbourne Institute of Technology Vietnam**      Ho Chi Minh City, Vietnam
*Bachelor of Software Engineering; (**Honours First Class**)*      *Sep 2019 – Sep 2023*

## CERTIFICATIONS

- Google Cloud Essentials.
- Serverless Cloud Run Development.

## SKILLS & LANGUAGE

**Skills:** Back-End/Full-Stack Web Development, Cloud Development, Serverless Development, Python, FastAPI, Django, Flask, GCP, SQL, NoSQL, Bigquery, Terraform, Docker, TypeScript, HTML, CSS, ReactJS, OOP, Monolithic, Microservices, Linux, Redis, Message Queue, Caching, REST APIs, GraphQL, Agile Software Development, Version Control Systems (GIT), Algorithms, Data Structure, SOLID, Design Pattern, RDBMS, ORM, Unit Testing, Integration Testing, Test Driven Development (TDD), Airflow, Teamwork and Communication, Critical Thinking, Problem Solving, Debugging Proficiency.

**Languages:** Full professional proficiency in English.