

# Vo Quoc Huy

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## WORK EXPERIENCE

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**Athena Studio** | Tech: Python, FastAPI, GCP, Redis, SQL, Airflow, NoSQL

**Nov. 2022 – Present**

*Software Engineer* [Athena Studio](#)

- 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 a 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.

## PROJECTS

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

*Software Engineer (4 people)* [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-friendly, and responsive website.

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

*Software Engineer (2 people)* [GitHub](#)

- Implement a robust backend system with effective caching strategies to optimize performance.
- Implement a responsive website that provides tracking features and insightful journey status for admin.
- Managed task assignment and deadlines, incorporating Agile methodologies, reviewing member's code.

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

*Software Engineer (1 person)* [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.

## EDUCATION

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**Royal Melbourne Institute of Technology Vietnam**

**Sep 2019 – Sep 2023**

Bachelor of Software Engineering (Honours First Class)

- Project showcase at RMIT Experience Day 2022

## CERTIFICATIONS, SKILLS & INTERESTS

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- **Certifications:** [Google Cloud Essentials](#), [Serverless Cloud Run Development](#).
  - **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.
  - **Language:** Full professional proficiency in English.