

# Dang Huy Phuong

+65 83932597 | [pdanghuy03@gmail.com](mailto:pdanghuy03@gmail.com) | [linkedin.com/in/dang-huy-phuong-3424bb220](https://linkedin.com/in/dang-huy-phuong-3424bb220) | [github.com/DKER2](https://github.com/DKER2)

## Education

### Nanyang Technological University

Singapore

*Bachelor of Engineering in Computer Engineering*

*Aug. 2021 – May 2025*

- CGPA: 4.62/5.00, Dean's List: AY2023/24
- Relevant Courses: Software Engineering, Object-Oriented Design & Programming, Data Structures & Algorithms, Computer Networks

## Experience

### Full-Stack Developer, Intern

Nov 2024 – Present

*Privyr*

*Singapore*

- Developed a scalable Django backend and dynamic Vue.js frontend webapp for a CRM system serving thousands of organizations, driving a 300% improvement in lead-to-sale conversion rates.
- Designed and implemented advanced analytics systems, empowering data-driven insights, enabling seamless team progress tracking, and boosting operational efficiency.
- Boosted user accessibility and CRM usage by 20% through innovative seamless file import/export integrations, streamlining data entry.

### Backend Engineer, Intern

Jan 2024 – Jun 2024

*Traveloka*

*Singapore*

- Engineered a Spring Boot-based internal tool for over 200 users across 20 teams automated financial audit workflows, enhancing data processing efficiency
- Reduced 95% in processing time and 90% in cost for data conversion process by proposing and developing a serverless system
- Architected a scalable system for all 40 backend teams at Traveloka to monitor and alert usage threshold across AWS services, eliminating possibility of throttling accidents

### Full-Stack Developer, Intern

May 2022 – Aug 2022

*Serversam PTE LTD*

*Singapore*

- Increased customer base by 50% and expanded market presence for business partners by developed an e-commerce platform using ASP.NET framework
- Designed and deployed a MySQL relational database schema, efficiently managing 1000 daily transaction
- Identified and resolved multiple security vulnerabilities, and implemented advanced data encryption, reducing data breaches

## Projects

### Cryptocurrency Trading Bot | *Python, MongoDB, Docker*

Jun 2021 – May 2022

- Led development of a robust data pipeline, boosting the Machine Learning team's research capabilities by streamlining data access and manipulation processes
- Improved data retrieval time by 50% compared to direct calls to broker API through development of a NoSQL database
- Developed a API wrapper to interface directly with multiple brokers' APIs, streamlining integration process and eliminating need to switch between systems

## Awards and certificates

### AWS Certified Developer – Associate

Jun 2024

*Amazon Web Services*

### Most innovative use of Computer Vision

Dec 2022

*Deep Learning Week Hackathon*

## Technical Skills

**Languages:** Python, Java, C/C++, JavaScript, C#

**Frameworks:** Spring Boot, Django, Vue, React, Nodejs, ASP.NET, Flask

**Developer Tools:** Git, Docker, VS Code, Visual Studio, IntelliJ

**Cloud Computing:** AWS, Azure, Terraform