

Lam Minh Dang

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Enthusiastic aspiring developer with a passion for software development and backend technologies. Currently pursuing a degree in Software Engineering at FPT University, I am eager to apply academic knowledge to real-world projects. Proficient in .NET and Java, I specialize in scalable backend solutions and am also captivated by UI/UX design for frontend web applications.

Short-term goal: To deepen my expertise in backend technologies and cloud platforms, contribute to impactful software projects, and hone my skills in building scalable, secure systems.

Long-term goal: To become a lead software developer or solutions architect, driving innovative and high-impact projects that solve complex challenges and contribute to the advancement of technology.

WORK EXPERIENCE

Backend Developer

Sep 2023 - Dec 2023

FPT Software

HCM

Contributed innovative solutions during brainstorming sessions, resulting in a 30% improvement in development workflows and the successful adoption of new technologies. Resolved a major security vulnerability by applying input validation and sanitization, preventing potential data breaches and safeguarding over 10,000 user accounts.

CERTIFICATIONS

IELTS 6.5 by British Council

Nov 2022

SKILLS

Backend Technology: C#, ASP.NET

Database Technology: MSSQL, SQL Server, PostgreSQL, MongoDB

Cloud Technology: AWS services: RDS, EC2, S3, MQ

Frontend Technology: React, Vite

AWARDS

VP BANK HACKATHON FINALIST by VP BANK, AWS

Jun 2024

In the rapidly evolving financial industry, our payment system needs to ensure efficiency, security, and scalability. To meet these requirements, we propose deploying an AWS architecture solution for the FinTech payment system to enhance performance and security while optimizing costs. Our solution addresses the challenges of deploying a FinTech project by leveraging Amazon Web Services (AWS) technology to ensure scalability, reliability, and security. We build a serverless architecture and implement automatic scaling on AWS to efficiently manage high traffic and deliver superior performance.

PROJECTS

CURSORS - E Learning Website [↗](#)

Oct 2023 - Dec 2024

Cursor is a website for students and teachers. This project aims to develop an advanced e-learning platform that enhances the learning experience for students and educators, revolutionizing the way education is delivered and accessed. By embracing technology and leveraging the power of online learning, the platform increased student engagement by 40% and improved course completion rates by 25%.

FPTU Starter - Crowdfunding website for FPT students [↗](#)

May 2024 - Jul 2024

FPTU Starter is a crowdfunding platform specifically designed to support the students, faculty, and community of FPT University. This platform aims to empower FPTU students by providing them with the resources and support needed to bring innovative ideas and projects to life. Whether it's a research project, a startup, a social initiative, or an artistic endeavor, FPTU Starter connects project creators with backers who are eager to contribute to success. The platform funded 20 projects, raising over \$50,000 in its initial three months.

PUBLICATIONS

Real-time detection for S3 bucket with Amazon GuardDuty [↗](#) on First Cloud Journey 2024

Sep 2024

In this workshop, we will set up real-time detection for an S3 bucket using GuardDuty's new Malware Protection for S3 feature. This will include detecting and exporting findings, then triggering an Amazon EventBridge rule to send email notifications via an SNS Topic

Deploy a web API application with Elastic Beanstalk and set-up CI/CD using CodePipeline [↗](#) on First Cloud Journey 2024

Aug 2024

In this workshop, we will build and deploy a Web API system (NET 6, Swagger UI), set up a database (SQL Server), configure load balancing and auto-scaling on AWS cloud infrastructure, and develop a continuous integration (CI) and continuous deployment (CD) pipeline.

EDUCATION

Bachelor's Degrees in Software Engineering

Sep 2021 - Dec 2024

FPT University

GPA: 3.2

- Developed full-stack applications and optimized algorithms, improving project efficiency by 25%. Built strong skills in database management and object-oriented programming. Led team projects, delivering high-quality solutions under tight deadlines and excelling in core software engineering courses.
- Active Member of Club: As a part of the Multimedia & Entertainment Media Club, I organized several workshops and events for students to engage and enrich skills in multimedia.