Tran Ngoc Tuan | **Software Engineer**

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SUMMARY

Hi, my name's Tuan, aka Meotism. I have 3+ years of experience as a Software Developer, primarily focusing on backend development using programming languages such as Python, Go, C#, and Node.js. My passions include research and learning new technologies. I'm known for being responsible and consistently completing tasks and I work well in teams, offering mentorship and code reviews to others.

SKILLS

Programing Languages: Python, Go, C#   Sectors: Healthcare, Payment

Frameworks/ Library: Flask, Pandas, Scikit-learn, numpy, SQLAlchemy, Requests, Streamlit, Echo, Middleware, Gorm, Goose, Lint, GoValidator, Sentry, Console, Winform

Database Management Systems: MongoDB, PostgreSQL, MySQL, Oracle

Source control: Git, Github, Gitlab, GitCLI

Code structure & architecture: Clean architecture, TDD, Monolithic, Microservices

Additional Skills: Smtp, Firebase, Redis, Crontab, Docker, EC2, S3, REST APIs, bash, Swagger, Unix, SSO, Webhook, Sentry, ORM, mqtt, uWSGI, nginx, Consult, Figma, Wordpress

Soft Skills: Time management, teamwork, business communication, write technical documents

PROFESSIONAL EXPERIENCE

FPT Software / SOFTWARE ENGINEER   METADOC / **Mar 2023 - Feb 2025**

- Developed a workflow system for patient booking treatment, health profile management health data and activity data and visualize supports doctors to make appropriate diagnosis, reduce the duration of the medical examination process by 30% and enhance the number of participants by 1.2 times
- Designed and implemented database schema, back-end services, API features, and testing to ensure system reliability, supporting approximately 2000 requests daily access
- Integrated third-party services (Garmin, Zalo, Facebook) and optimized workflows to reduce bugs by 28% and improve efficiency by 20%

Executionlab.asia / BACKEND DEVELOPER   MEDIPATHY / **Jun 2022 - Mar 2023**

- Integrated service and feature send message in app, mail, notification making medical operations more efficient to easily communicate, large-area announcement, time-saving assignment tasks and increase performance by 25%
- Provide support and mentorship to new team members, conduct code reviews for peers, and refactor existing code to improve clarity, reduce complexity, and achieve a 10% reduction in code lines and file storage
- Collaborate with teammates and communicate with clients to clarify business use case, and suggest services that provide the most cost-effective solutions to meet their needs

Paynetvn / DATABASE ADMINISTRATOR INTERN   PAYNETVN / **Oct 2021 - Jan 2022**

- Migrated data application from MSSQL to Oracle database and wrote procedures and triggers following requirements workflow
- Wrote scripts and generated test data using Mockaroo, identifying that 24% of the bugs in the service were discovered through testing by Postman

EDUCATION

UNIVERSITY OF SCIENCE / BACHELOR OF ENGINEERING, MAJOR IN INFORMATION SYSTEM   2018 - 2022

CERTIFICATIONS & AWARDS

Python Mega Course: Learn Python in 60 Days, Build 20 Apps	Udemy | Aug 2024
SQL (Intermediate) Certificate	hackerrank | Mar 2023
VNU-EPT: B1.2	VietNam National University | May 2022

PROJECT

Chatbot's Phi | Chatbot assistant website (Python, Streamlit, Hugging Face, SpeechRecognition)	Website | Github
Review University (Python, flask, Machine Learning, beautiful soup, Jupyter Notebook)	Github
Swiftlet's Nest Anh Xuan | Advertising website (wordpress, cpanel, DNS, LAMP server)	Website | Demo
Video Conference meeting (Jitsi, EC2, certbot, crontab, bash, duckdns, https)	Website | Github
My portfolio (Python, Streamlit, html, css)	Website | Github

PASTIMES AND ACTIVITIES

In my free time, I keep myself busy with a variety of activities. I enjoy reading news, books, and IT blogs to stay updated on current trends. Additionally, I write blogs on dev communities, sharing my knowledge and experiences. I am interested in cooking and also participate in team sports like badminton, soccer, and ping pong, which helps me stay active and connected with others. These activities provide a perfect balance of learning, creativity, and physical exercise in my routine.