Nguyen Cong Manh

Intern/Fresher Backend Developer

✉ nguyenmanh180102@gmail.com 🌐 https://github.com/congmanh18 📍 Street No. 10 Tran Nao, HCM

👤 Professional Summary

I have a background in information technology, focusing on understanding databases and how a piece of software works behind its interface. I am the type of person who wants to learn to upgrade my understanding of technology. From there, I can bear the pressure to learn quickly and accumulate many new experiences.

💼 Experience

HPT Vietnam Corporation – Intern DBA Oracle Database – June 03, 2024 – August 20, 2024
Lot E2a–3, D1 Street, Hi–Tech Park, Long Thanh My Ward, Ho Chi Minh City

- Studied and presented Oracle Database Architecture
- Managed tablespaces in Oracle Database
- Installed Oracle Database 19c on Oracle Linux
- Installed and configured Oracle Data Guard
- Set up a SQL Server Cluster (2 servers)
- Configured SQL Always On Availability Group
- Prepared and presented internship report (including live demo)

Remote Backend Developer – December 2024 – Present
SG NHAT MINH TRANSPORTATION SERVIC E TRADING COMPANY LIMITED

- Use Golang programming language
- Build RESTful API using Golang with Echo Framework, manage PostgreSQL database
- Implement authentication and authorization using JWT and custom middleware.
- Write API documentation using Swagger.
- Integrate CI/CD with GitHub Actions to automate build and deploy processes.
- Use Docker to deploy applications to VPS.
- Applying Clean Architecture in project organization

University Projects
Waste Management System – Graduation thesis

- Developing a waste management system combining IoT and remote
- Build RESTful API using Golang with Fiber Framework, manage PostgreSQL database
- Use HTTP to communicate between ESP32 and the server system
- Use Docker to deploy applications to VPS
- Program and configure the ESP32 to collect data from load cells, gas sensors, and distance sensors

⭐ Skills

- Golang
- RESTful API, Swagger API Docs
- Clean Architecture
- PostgreSQL, Firebase, Redis, MongoDB

- Object–Oriented Principles
- CI/CD with GitHub Actions
- Deploy applications with VPSProject management
- TOEIC 500, Microsoft Office

🎓 Education

INDUSTRIAL UNIVERSITY OF HO CHI MINH CITY

12 Nguyen Van Bao, Ward 4, Go Vap, Ho Chi Minh (2021 – 2025)
Computer Engineering Technology Industry
Final year student, completed graduation thesis

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👤 Cover letter

January 17, 2025

Nguyen Cong Manh
 Street No. 10 Tran Nao, Ward An Khanh Thu Duc City
+ 84 977 683 533
nguyenmanh180102@gmail.com

Dear Hiring Manager,

I am a fourth-year student majoring in Computer Engineering Technology.

I am applying for the position of Backend Intern (Golang/Python). I have hands-on experience working on real projects and have used technologies such as Docker, GitHub CI/CD, VPS deployment, PostgreSQL, and implementing source code with Clean Architecture.

I have completed my coursework at university, which allows me to dedicate myself to a full-time internship at your company.

With the knowledge I have gained and my ability to self-learn, I am eager to intern at your company to gain more practical experience. I have detailed my qualifications and experiences in my attached CV. I would greatly appreciate the opportunity to interview for this position.

Sincerely,

Nguyen Cong Manh   *Manh*