

HOANG TUAN DANG IT STAFF



A passionate IT staff with hands-on experience in backend development and network/system administration. Seeking an opportunity to apply and grow my skills in a dynamic software development team. Long-term goal is to become a full-stack engineer with a strong foundation in infrastructure and DevOps.

Relevant experience

07/2017 - 09/2018

Lac Ty Company

Production Staff

Responsible for overseeing the production process, ensuring quality control, and maintaining production efficiency. Collaborated with the team to manage production schedules, ensuring daily output targets were met while complying with safety and quality standards. Assisted in implementing new manufacturing techniques to improve product quality and reduce waste.

09-2018 - 03-2020

Dai Phat Dat Company

Laptop Technician

Performed hardware and software repairs on laptops, including replacing components and diagnosing and resolving issues related to operating systems, drivers, and applications. Provided excellent customer service by communicating technical information to non-technical clients and managed inventory of replacement parts

02-2022 - 05-2022

Ninja Van

Warehouse Staff

Managed and coordinated warehouse transportation, ensuring timely handling and distribution of goods. Monitored inventory status, conducted regular checks, and ensured adherence to quality standards in shipping and receiving. Collaborated with the transportation team for efficient delivery operations



Phone

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Email

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Address

Nga Sau Town, Chau Thanh District, Hau Giang Province



Dob

01/01/1999



Gender

Male



Education

FPT GPA: 3.5 | 5-2022 - 9-2024

Major: Information technology

FPT Polytechnic College offers careerfocused vocational programs with an emphasis on practical skills and industry connections, ensuring students are job-ready upon graduation.



Skills

Frontend Development

· JavaScript, jQuery, AngularJS

Backend Development

- Java: Spring Boot, Spring MVC, Spring Data
- Golang: Echo, GORM, Mux, gRPC, ECDSA
- C#: .NET Core,.NET MVC
- · Node.js: ExressJS

Databases

• MySQL, SQL Server, MongoDB, PostgreSQL, Apache Solr, Redis

Network & System Administration Skills

- Networking Protocols: TCP/IP, DHCP, DNS, NAT, VPN, ICMP
- Routing & Switching: Cisco,
 Juniper, VLAN, STP, OSPF, BGP

05-2024 - 08-2024

ST Connection, Ho Chi Minh City

Developer

Developed and maintained backend services with .NET technologies. Assisted in designing and implementing RESTful APIs, Collaborated on API integration with frontend interfaces, Engaged in code reviews, debugging, and testing, Gained experience in SQL Server database management, Contributed to project documentation and user guides

Project

05-2024 - Present

Team size: 1

Personal Blockchain Project

Designed and developed a blockchain-based application using Golang, focusing on building a secure and decentralized system to manage and store transactions. The project covers core blockchain components including:

- Transaction creation and validation using ECDSA cryptographic signatures
- Block structure, hashing (SHA256), and proof-of-work mechanism
- Peer-to-peer communication model for decentralized nodes
- Blockchain integrity verification and consensus handling
- Implemented networking with Echo framework, gRPC, and Mux
- Experience with data serialization, message broadcasting, and node discovery

Technologies: Golang, Echo, gRPC, SHA256, ECDSA, Mux, Git Link: https://github.com/tuandh111/Blockchain

01-2024 - Present

Team size: 1

Telegram Chatbot with NLP

Developed an intelligent chatbot integrated with Telegram using the Telegram Bot API to facilitate real-time communication with users. The system employs Natural Language Processing (NLP) techniques to interpret user input and generate contextually appropriate responses. Key features include:

- Integrated external APIs to enrich chatbot responses with real-time data.
- Used Apache Solr for fast and efficient full-text search and information retrieval.
- Managed user sessions and conversation data using MySQL for structured storage.
- Focused on modular design for scalability and future integration with additional platforms.

Technologies: Java, Telegram API, NLP, Apache Solr, MySQL, RESTful APIs. Git

Link: https://github.com/tuandh111/Chatbot java.git

05-2024 - 09-2024

Team size: 1

Dental Clinic Management

The Dental Clinic Management System streamlines clinic operations, including patient management, appointmentscheduling, and treatment records. It enhances patient carewithcomprehensive records and supports

- Firewall & Security: FortiGate, pfSense, Cisco ASA, IDS/IPS, ACL
- Monitoring Tools: Zabbix, Nagios, SolarWinds, PRTG
- Virtualization: VMware, Hyper-V, VirtualBox
- Scripting: Bash, PowerShell,
 Active Directory & Group Policy
- Backup & Recovery Tools: Veeam, Acronis

Frameworks & Libraries

- gRPC
- Spring Boot, Spring MVC, Spring Data, Hibernate.
- · Echo, GORM
- Express.js, Mongoose
- GraphQL

Additional Skills

 Microservices, Load Balancing, Connection Pooling, Pagination, NLP, Blockchain, Caching.

Tools & Technologies

• Docker, Git, GitHub, SourceTree, AWS



Honors & Awards

04-2024

Certificate of Completion: Implemented a Docker deployment for a Spring Boot application

10-2023

Encouragement Award, Việt Hackathon Game Competition

05-2022 - 09-2024

Consistently awarded "Excellent Student" title for 7 out of 7 semesters

appointment booking, treatment tracking, and reporting forefficient clinic management

Link: BE: https://github.com/tuandh111/GraduationThesis FE: https://github.com/tuandh111/GraduationThesisFE

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