Nguyen Cong Lam

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SUMMARY

A passionate software developer with hands-on experience in building desktop and web applications using C#, JavaScript and Python. Seeking a dynamic development environment where I can contribute my skills in software architecture, client-server systems, and Al/ML integration.

TECHNICAL SKILLS

Programming languages	JavaScript, C#, PHP, Python
Frameworks / Platforms	ReactJS, AngularJSLaravel, ASP .NET MVC, Web API, Entity FrameworkjQuery, Bootstrap
Foreign Language	IELTS 7.0
Others	Strong understanding of Object-Oriented Programming (OOP), design patterns and developing structed, MVC model.

WORK EXPERIENCE

June 2024 - Now Pegatron Vietnam

MES engineer

- Collaborated with the production department to analyze, develop, and enhance system functionalities based on real-time manufacturing requirements.
- Conducted thorough functionality testing and facilitated seamless deployment and user onboarding for newly developed systems.
- Managed daily operations of the SFIS (Shop Floor Industrial System), proactively troubleshooting incidents and ensuring continuous production line performance.
- Designed and implemented custom reporting tools, label generation programs, and internal web applications to streamline access to production data.
- Contributed to the optimization and classification of production workflows, improving operational efficiency across departments.

January 2024 - June 2024 Dinh vi Bach Khoa limited company

Fullstack Developer - Internship

 Participated in the research and development of digital mapping and HR management systems, using AngularJS for the frontend and ASP.NET Core for backend services. • Transformed manual departmental processes into fully digitized software solutions, contributing to enhanced efficiency and interdepartmental coordination.

EDUCATION

2020 - 2024

Vietnam Maritime University

Bachelor of Information Technology - High-quality program

- GPA: 3 62/4
- Graduated as valedictorian of the Information Technology program.
- Ranked in the top 1% of highest-performing students in the Faculty of Information Technology.
- Thesis: Developed a water supply business management software for Hai Phong Water Supply Company.

PERSONAL PROJECTS

Water Supply Management Website

Github link: https://github.com/CLJRDev/quan_ly_cap_nuoc

Technology: ReactJS, Laravel, MySQL, Git, v.v.

Description: This project developed a web-based system to optimize Hai Phong Water Supply Joint Stock Company's operations. It integrates functions such as user and customer management, contract handling, water meter monitoring, index recording, billing, and reporting.

Fashion Selling Management Website

Github: https://github.com/CLJRDev/clothing store 2023

Technology: HTML, CSS, JAVASCRIPT, PHP, BOOTSTRAP, MYSQL, GIT

Description: A complete sales management system was developed for fashion stores. Administrators can easily manage products, categories, suppliers, accounts, and orders. Meanwhile, the user interface offers an intuitive shopping experience, allowing customers to browse products by category, register accounts, and place orders online.

Warehouse Management Software (Desktop App)

Github link: https://github.com/CLJRDev/guan-ly-kho-2022

Technology: C#, SQL Server

Description: Warehouse management application running on Windows, developed in C#. The software supports basic operations such as managing users, products, import and export vouchers and creating statistical reports in printed form.

Data Encryption and Decryption Application

Github link: https://github.com/CLJRDev/data_encryption_standard

Technology: Python

Description: A tool that simulates the DES (Data Encryption Standard) encryption algorithm, allowing users to encrypt and decrypt characters, strings or text files based on the key entered by the user. Suitable for learning and testing data security algorithms in practice.

Human Detection & Vehicle Recognition (Scientific Research)

Technology: Yolov5, Python, Deep Learning

Description: The system uses YOLOv5 for real-time object detection, accurately identifying and classifying humans and vehicles from video feeds. Implemented using Python and deep learning models, the solution provides high-speed processing and excellent accuracy, even in challenging environments.

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