Nguyễn Công Lâm

MES Engineer

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SUMMARY

I am currently a MES engineer with 1 year of experience in MES systems. I also have skills in UI/UX design, and am interested in solving front-end problems and creating the best user experiences. I also spend time researching new technologies to become a better programmer.

TECHNICAL SKILLS

Programming Languages: JavaScript & TypeScript, C#, PHP
Frameworks / Platforms:
- ReactJS, AngularJS
- Laravel, ASP .NET MVC, Web API, Entity Framework
- jQuery, Bootstrap

Database Management Systems: MS SQL Server, MySQL, Oracle SQL, SQLite
Foreign Language: IELTS: 7.0
Others: Good understanding of OOP method, Design Partterns, MVC model

PROFESSIONAL EXPERIENCE

Pegatron Vietnam   June/2024 - Now

MES Enginner

- Support, build and develop system functions according to the requirements of the production department.
- Test functions and transfer new systems.
- Operate and maintain the SFIS (Shop Floor Industrial System) system daily, handle abnormalities, ensure normal operations on the production line.
- Build reporting programs, labels, tools, and websites to query the production information system.
- Support the classification and optimization of the company's production flow.

Dinh Vi Bach Khoa Limited Company   T2/2024 - T5/2024

Intership - Fullstack developer

- Participate in research and development of projects related to digital maps, human resource management using **AngularJS, ASP .NET Core** technology.
- Digitize processes and work of departments and divisions into software.

EDUCATION

Vietnam Maritime University   2020 - 2024

Information Techonology - Faculty of Information Technology

GPA: 3.62
- Valedictorian of the 2024 Information Technology major of my faculty. Received 5 excellent scholarships from the school during my studies. In addition, I was also honored to receive 2 certificates of merit for outstanding students in the field of study at the institute and school levels, graduating with honors.

PERSONAL PROJECTS

Water Supply Management Website

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

Techonology: **ReactJS, Laravel, MySQL, Git, v.v.**

Description: A web system was developed to simulate the actual water supply business process at Hai Phong Water Supply Joint Stock Company. The project was built based on a survey and analysis of the actual system, fully integrating functions from user management, customers, contracts, measuring equipment (water meters), installation and index recording, to payment invoices and reporting statistics. The system also integrates functions such as logging in with social network accounts (Google, Facebook), importing/exporting data via Excel, printing PDF reports, and visualizing data with 3D charts.

Fashion Selling Management Website

Github link: *https://github.com/CLJRDev/clothing_store_2023*

Techonology: **HTML, CSS, JAVASCRIPT, PHP, BOOTSTRAP, MYSQL, GIT**

Description: A complete sales management system was developed for fashion stores. Administrators can easily manage product, 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.

User Management System

Github link: *https://github.com/CLJRDev/user-management-fullstack*

Technology: **ReactJS, Laravel, SQLite**

Description: Basic user management application with simple functions to add, edit, and delete user accounts. The system supports registration and login functions, meeting the needs of user management in larger systems.

Warehouse Management Software (Desktop App)

Github link: *https://github.com/CLJRDev/quan-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 character strings or text files based on the key entered by the user. Suitable for learning and testing data security algorithms in practice.