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Professional Summary

Dedicated software engineer with 3 years of experience in designing, developing, and maintaining robust web applications. Proficient in Python and Typescript, with a strong foundation in object-oriented programming and agile methodologies. Skilled in collaborating with cross-functional teams to deliver high-quality solutions that meet business objectives. Passionate about staying up-to-date with the latest industry trends and technologies.

Technical Skills

- **Frontend:** Angular, HTML5, CSS, JavaScript, TypeScript, NextJS, Ionic,…
- **Backend:** NestJS, Django, Python
- **Database:** PostgreSQL, MongoDB
- **Mobile Development:** Ionic, Cordova
- **DevOps:** GitLabCI, Docker, Git
- **Other:** Agile/Scrum methodologies, RESTful API design

Professional Experience

Full Stack Software Engineer
NNG Company Limited – HCM City
2021 – Present

Projects

Healtech*(Angular, Django, Postgres, Ionic, Native mobile, Docker)*

This project created a patient monitoring and telemedicine system. Patients used a mobile app to track their health, while doctors used a web platform to monitor patients and communicate with them.

Responsibilities:

- Successfully integrated the medical device SDK into the mobile application, enabling real-time data transmission of patient vital signs.
- Data synchronization mechanisms from the device to the server.
- Implemented a user-friendly appointment booking feature, allowing patients to schedule appointments with healthcare providers directly through the mobile app.
- Integrated VNPay as a payment gateway, providing a convenient and secure payment option for patients.
- Successfully published the mobile app on both the App Store and Google Play.
- Deployed the application on Digital Ocean using Docker containers.

MCOM (Angular, Django, Postgres, Ionic, Docker)

The MCOM project is a comprehensive enterprise management system designed to streamline operations and improve efficiency for internal business processes. The system provides a centralized platform for managing various aspects of the enterprise.

Responsibilities:

- Contributed to the design and implementation of the underlying database structure.
- Developed login and forgot password functionalities.
- Implemented features for managing product categories, allowing administrators to organize and categorize products effectively.
- Fixing bugs and issues to ensure the system's stability and performance.
- Deployed the application on Digital Ocean using Docker containers.
- Built a continuous integration and continuous delivery (CI/CD) pipeline using GitLab CI.
- Published the MCOM app on both the App Store and Google Play.

Water Profiling (Angular, Django, Postgres, Docker, AWS, MQTT)

This project collects water data from stations, stores it in the cloud, and visualizes trends using charts. It provides valuable insights for water resource management.

Responsibilities:

- Identified and resolved bugs and issues to ensure the system's stability and reliability.
- Implemented minor change requests to enhance the system's functionality and user experience.
- Addressed security vulnerabilities identified during penetration testing to protect the system from unauthorized access.
- Optimized data points retrieval performance by modifying indexing strategies, improving query execution times and reducing system load.

Water Analyze (Angular, Django, Postgres, Docker, Azure, Nx, MQTT)

This project aims to develop a comprehensive water analysis system that collects water data,

analyzes it using artificial intelligence techniques, and provides valuable insights for water quality monitoring and management.

Responsibilities:

- Designed and implemented the core modules of the project.
- Established a front-end monorepo using Nx to streamline project management and code sharing between the mobile and web applications.
- Worked closely with clients to understand their requirements and deliver features successfully.
- Deployed the application on Azure, configuring and managing the necessary infrastructure components.
- Integrated an offline mapping solution.

Software Engineer Intern
ITD Group – HCM City
August 2020 – March 2021

Projects

Testing tool to Support Image Verification (.Net, WPF, SQL Server)
Responsibilities:

- Setup project from scratch.
- Implement look up car license plates, and pagination.
- Implement loading images from specific folders and compare with the images captured by camera at Build Operate Transfer by integrate with image recognition library.
- Collaborated with cross-functional teams to ensure tool accuracy and reliability.
- Reduced manual testing efforts, leading to time and cost savings.

Factory Food Ordering Tool (Dart, .Net)
Responsibilities:

- Setup project from scratch.
- Designed and developed a mobile application on Tablet using .NET and Flutter to streamline the food ordering process within the factory.
- Collaborated with stakeholders to gather requirements and ensure the application met user needs.

Education

Bachelor of Science in Computer Science
University of Technology and Education – HCM City
2021

Certifications

- Fit for Scrum, Issuing Organization: Axon Active
- NNG Employee of the year

Languages

Vietnamese

English