

tuan tm

FrontEnd Developer

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CAREER OBJECTIVE

A software engineer with 3 years of experience in software development and commercial application. With 3 years of working with React and related Frontend Developer frameworks, I am always dedicated and serious about my work to bring value to the company. At the same time, I am always seeking ways to learn, improve my skills, and broaden my knowledge to become a proficient engineer.

WORK EXPERIENCE

Công ty cổ phần Phenikaa-X07/2022 - 7/2024

- Full stack developer
- Deploying monitoring applications
 - Advertising for the company
 - Deploy management web services for schools

PROJECT

Auto Car Server
(09/2022 - 03/2023)

Client	Phenikaa-X Company
Project description	Managing users, vehicle management, map management, and vehicle information management via MQTT and socket.
Number of participants	5
Position	Back end
Your position, duties in the project	<ul style="list-style-type: none">• Building user management, map management, vehicle information, and vehicle configuration.• Authenticating user accounts using JWT (JSON Web Token).• Connecting to MQTT with unmanned vehicles and establishing socket connections with the user interface to send data back to the user interface for display on the map.• Data management and analysis of running vehicles.• Responsible for these services.
Technologies used	Nodejs(express), MQTT, Socket, MongoDB

Phenikaa-X Website (<https://phenikaa-x.com/>)
(03/2023 - 05/2023)

Client	Phenikaa-X Company
Project description	Company introduction homepage
Number of participants	1
Position	Main Responsibility
Your position, duties in the project	1. Build and Develop a Company Introduction Website • Optimization and Maintenance:

	<ul style="list-style-type: none"> ◦ Ensure that the website is optimized for efficient interaction across all types of devices and browsers. ◦ Monitor and improve the website's performance, including page loading speed and user interaction. <p>Your position, duties in the project</p> <ul style="list-style-type: none"> • Utilize Vite to provide a faster and cleaner development experience for web projects and use the Tailwind CSS Framework. • Primary responsibility in the project.
Technologies used	React and TailwindCss

Drone Control Center

(05/2023 - 10/2023)

Client	Phenikaa-X Company
Project description	Company introduction homepage
Number of participants	2
Position	Front End
Your position, duties in the project	<p>1. Building UI and Service for controlling drones via MQTT, Planning flight missions for drones, managing permissions for drones.</p> <ul style="list-style-type: none"> • Permissions for Drones: Assigning specific drones to users, where one user can control multiple drones. An admin role manages all drones. • Flight mission planning for drones: Selecting waypoints on the map in sequence, sending them to the server to retrieve flight paths, and displaying these paths on the map. • Taking primary responsibility for these services.
Technologies used	NextJS, MQTT, Socket, TailwindCss, MapBox

Drone Automation

(05/2023 - 10/2023)

Client	Phenikaa-X Company
Project description	Creating a drone management server, user permission management for drone usage, and drone control service via MQTT. Use Minio to save realtime image information and data sent by the drone
Number of participants	2
Position	Back End
Your position, duties in the project	<ul style="list-style-type: none"> • Building an MQTT-based Drone Control Service, Drone Flight Planning, Drone Permission Management. • Authentication for user accounts using JWT (JSON Web Tokens). • Role-based user authorization, preventing simultaneous login with the same account from multiple locations. • Connecting to drones' MQTT and establishing socket connections to the frontend to send data back to the frontend, dividing rooms for user control based on role and assigned drones. • Receiving flight point data from the frontend to send waypoints via MQTT to selected drones for executing actions. • Install and configure Minio service on an Nginx host • Taking primary responsibility for these services.
Technologies used	NextJS, MQTT, Socket, MongoDB

(10/2023 - 01/2024)

Client	Phenikaa-X Company
Project description	Create a website for booking medical appointments, searching for doctor information, and displaying medical records.
Number of participants	2
Position	Front End
Your position, duties in the project	<ul style="list-style-type: none">• Requirements Analysis: Understand and analyze client requirements for the website features, including appointment booking, doctor information search, and medical record display.• Programming and Development: Write code to implement the aforementioned features, including developing the user interface, handling business logic (such as appointment management, doctor information search), and integrating the database.• Testing and Bug Fixing: Ensure system stability and quality by conducting unit testing, integration testing, system testing, and fixing bugs as necessary.• Taking primary responsibility for these services.
Technologies used	React, Tailwindcss, FlowBite

Phenikaa Training Center

(01/2024 - 06/2024)

Client	Phenikaa University
Project description	Manage courses, lessons, users, certificate exam registrations, and course enrollments.
Number of participants	3
Position	Main Responsibility
Your position, duties in the project	<ul style="list-style-type: none">• Requirements Gathering: Understand and document the requirements from stakeholders regarding the functionality and features of the platform.• System Design: Design the overall architecture of the system, including database structure, user interfaces, and integration points.• Database Management: Design and maintain the database schema to efficiently store and retrieve data related to courses, lessons, users, registrations, and certifications.• Certification Exam Registration: Develop a system for users to register for certification exams, handle payment processing if applicable, and manage exam scheduling and logistics.
Technologies used	NodeJs, MongoDB

EDUCATION

FPT Polytechnic College

10/2020 - 2/2023

Software application

TECHNICAL SKILLS

Programming Languages JavaScript(2+ years), TypeScript(1+ years) , Nodejs (1+ years)

Database Management System MongoDB, MySQL

Frameworks/Platforms NodeJS (Express), ReactJS, React Native, WebSocket, NextJS.

Version Control GIT, JIRA

Other tools	JIRA, Postman, Swagger, Figma
Experience	Experience with RESTful API design and implementation. Familiar with Agile/Scrum development methodologies. Responsive web design
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