#### Frontend Developer

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Portfolio: https://pf.ducbkdn.space/

#### CAREER OBJECTIVE

Seeking a Front-end React JS position to leverage my experience with modern web technologies including React, Redux, and Tailwind CSS. Passionate about creating responsive and user-friendly interfaces with a strong focus on performance optimization and modern UI/UX principles.

#### **EDUCATION**

## Da Nang University of Science and Technology

Sep 2022 - Present

Subject: Web Applications, Data Structures & Algorithms, Object-Oriented Programming, System Design.

**GPA:** 3.39/4

## **SKILLS**

| Programming Languages: Jav | JavaScript, Python, HTML, CSS/SCSS. |
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Framework & Libraries: React JS, Redux, iQuery, Bootstrap, Tailwind CSS, Ant Design, Material UI.

**Database Systems:** MySQL, SQL Server, MongoDB.

**Tools & Platforms:** Git, Github, VS Code, npm/yarn, Docker, Postman, Vite, Firebase, Trello.

**Architectural Patterns:** MVC, REST, 3-Layers.

Languges: Good communicating skill.

## **PROJECTS**

Face Emotion Detection Website (Team size - 2)

Mar 17 - Present

Role: Frontend Developer.

Overview: Developed a web application for face emotion detection with an intuitive and user-friendly interface. The project integrates a proprietary image processing API to recognize and analyze facial expressions.

## **Key Features:**

- Emotion detection from single or multiple face images
- User authentication system (login, registration, password recovery)
- Emotion detection history tracking
- Guest mode (limited to 5 uses)
- Responsive interface for multiple screen sizes
- Integration of charts for emotion analysis result visualization

Technologies used: Javascript, React JS, Tailwind CSS, Material UI, Socket.io, Firebase.

# Responsibilities:

- Designed and developed the user interface with React and Material UI
- Integrated emotion detection and authentication APIs
- Built state management and navigation systems in the application
- Developed image upload and processing features
- Optimized user interface for mobile devices
- Implemented CI/CD pipelines for automated testing and deployment
- Configured and deployed the application to production server
- Handled error management and implemented testing to ensure product quality

Link: <a href="https://emd.ducbkdn.space/">https://emd.ducbkdn.space/</a>

## Web Chat & Video Call Realtime - Connectica (Team size - 3)

Sep 2024 - Jan 05

Role: Frontend Developer & DevOps Engineer.

**Overview:** Developed a comprehensive real-time communication platform with chat and video calling capabilities, offering a seamless user experience with modern interface design. The application supports both personal and group communications with robust security features.

#### **Key Features:**

- Real-time chat messaging with personal and group conversations
- P2P video calling with screen sharing and multi-participant support
- User authentication system with Google OAuth and OTP verification
- Password recovery functionality
- Friend management system with real-time search
- Real-time notifications for friend requests and messages
- Responsive design for mobile and desktop users
- · Containerized deployment with Docker

**Technologies used:** JavaScript, React JS, Vite, Redux, React Router, Tailwind CSS, Ant Design, Socket.IO, PeerJS (WebRTC), Google OAuth, Axios, Docker.

#### Responsibilities:

- Implemented real-time video calling functionality using PeerJS/WebRTC
- Designed and developed responsive UI components with Tailwind CSS and Ant Design
- Built state management system using Redux Toolkit
- Integrated Socket.IO for real-time communication features
- Set up containerization with Docker for consistent deployment
- Implemented CI/CD pipelines for automated testing and deployment
- Configured and deployed the application to production server
- Collaborated with team members on feature integration and bug fixing

Link: <a href="https://ducbkdn.space/">https://ducbkdn.space/</a>