DINH DUC

FRONTEND INTERN

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Portfolio: https://pf.ducbkdn.space

CAREER OBJECTIVE

Aspiring Front-end Developer seeking an internship to apply and expand my skills in creating responsive, intuitive, and visually engaging web interfaces using React and modern web technologies. Enthusiastic about contributing to real-world projects, improving user experience, and growing within a collaborative, fast-paced and and international development environment.

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:	Java, JavaScript, Python, HTML, CSS/SCSS.
Framework & Libraries:	React JS, Redux, jQuery, Bootstrap, Tailwind CSS, Ant Design, Material UI, Socket.IO.
Database Systems:	MySQL, SQL Server, MongoDB.
Tools & Platforms:	Git, Github, VSCode, Docker, npm/yarn, Postman, Vite, Firebase, Trello.
Architectural Patterns:	MVC, REST, 3-Layers.

PROJECTS

Languges:

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.

Ability to read and understand English technical documentation.

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
- Handled error management and implemented testing to ensure product quality

Link: https://emd.ducbkdn.space

Github: https://github.com/dinhducbkdn2004/face-emotion-detection

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: https://ducbkdn.space

Github:

- Frontend: https://github.com/dinhducbkdn2004/pbl4-video-chat-fe
- Backend: https://github.com/dinhducbkdn2004/pbl4-video-chat-be

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