

## Curriculum Vitae

### ▪ Personal Details:

- Full name : Thi Minh Thu Huynh
- Gender : Female
- Address : Moss, Norway
- Cell Phone : +47 412 59 701
- Personal Email : thuhuynh.2205@gmail.com
- Work Email : thu@opendigital.no
- Language : English, Norsk (Basic)
- Github : github.com/mithu225
- LinkedIn : linkedin.com/in/mithu225



### ▪ Education:

- Bachelor of Science in Computer Science
- Frontend development at Noroff

### ▪ Skills:

- Frontend: HTML5, CSS3, Tailwind, JavaScript, TypeScript, ReactJS, VueJS, State Management, Storybook, Github, Jest, Micro-frontends
- Design: Figma, Photoshop
- AI: Object labeling, annotation and classification specialist
- CI/CD: Github Actions
- Kubernetes: Helm charts

### ▪ Work Experience:

#### **2023-Now: OpenDigital, Frontend Developer**

##### **Project 1: Document Management with LLM (OpenAI)**

I was responsible for building the client UI and admin control panel. The system allowed seamless upload and management of documentation, communicating with the backend via RestAPI.

##### **Technologies Used**

Micro-components: Developed using VueJS components, web-components, and TypeScript.  
Styling: Tailwind CSS for efficient and responsive styling.

Testing: Implemented Jest for unit testing and Cypress for integration testing.

Deployment: Deployed the application to Kubernetes using Helm charts for scalability and manageability.

##### **Key Contributions**

Designed and developed intuitive user interfaces for both client and admin interfaces, ensuring smooth navigation and efficient document management.

Implemented robust testing strategies to ensure the reliability and stability of the application, utilizing both unit and integration testing frameworks.

Ensured the application's compatibility and smooth functionality across different platforms and browsers, providing a consistent user experience for all users.

## **Project 2: Restaurant Websites with CMS**

I oversaw the development of a comprehensive content management system (CMS) to facilitate the addition and description of various food items. Leveraging ReactJS and TypeScript, I crafted dynamic user interfaces for both customers browsing the menu and administrators managing the content. The CMS allowed restaurant staff to easily add, update, and describe food items, enhancing the online presence of the restaurant.

### **Technologies Used**

Frontend: ReactJS, TypeScript, HTML5, CSS3, Storybook, Jest

Design Collaboration: Figma

State Management: Utilized advanced state management techniques to efficiently manage application state and data flow.

Micro-frontend: Implemented micro-frontend architecture to modularize the application and enhance scalability.

### **Key Contributions**

Developed intuitive and visually appealing user interfaces for customers to browse the restaurant menu.

Designed and implemented a user-friendly CMS for restaurant staff to manage food items, descriptions, and other content.

Collaborated closely with designers to ensure the website's design and functionality aligned with the restaurant's branding and goals.

Integrated feedback from stakeholders to continuously improve the website and CMS functionality.

## **2021-2023: eSmart Systems AS, AI annotation and classification specialist**

### **Project: Power Line Inspection and Inventory Automation with AI at eSmart Systems**

During my tenure at eSmart Systems, I contributed to the development of virtual inspections and automated image-based inventory systems powered by AI for power line inspections. As part of the team, I played a crucial role in preprocessing and annotating data essential for training machine learning models. Working closely with data scientists and engineers, I helped label and categorize vast amounts of data to ensure accuracy and consistency in the automated inspection and inventory processes. This experience not only honed my skills in utilizing AI for image analysis but also deepened my understanding of power line infrastructure and inspection protocols.

### **Key Responsibilities and Technologies**

Data Annotation and Preprocessing: Engaged in meticulous data annotation and preprocessing tasks to prepare image datasets for AI model training.

Collaboration with Data Scientists and Engineers: Worked closely with cross-functional teams to understand project requirements and contribute to the development of AI-powered solutions for power line inspections.

Automated Image-Based Inventory: Assisted in creating automated inventory systems that utilize AI to analyze images and accurately identify and catalog equipment and components along power lines.