

Ahmed Masada

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Education

University Malaysia of Computer Science & Engineering (UNIMY)
Bachelor of Software Engineering (Hons)

Professional Experience

Full Stack web developer (Internship) Jun 2024 – Dec 2024
Farbeat Technologies Sdn Bhd

Project: [CetakWorks](#) – Custom T-shirt and Document Printing Platform

- Designed and implemented responsive user interfaces using **ReactJS**, **TailwindCSS**, and **Three.js** for real-time 3D product visualization.
- Developed backend APIs using Node.js and **Express.js** to handle user authentication, payment workflows, and data management.
- Integrated the OnPay **payment gateway** for secure and seamless transactions, including payment verification and webhook integration.
- Implemented **Firebase Storage** for uploading and storing user-generated content like designs and documents.
- Incorporated OpenAI's **DALL-E 3** API for generating unique design assets for users.
- Used **GitHub** for version control, **Postman** for API testing.

Projects

DesignAI Web App (Final year project):

- Final year project, utilizing **React.js**, **Three.js**, **Tailwind CSS**, and **OpenAI API**.
- Enables design of t-shirts including color selecting, uploading design template, logo creation, making a design through AI.
- Key Learnings: Advanced knowledge in integrating third-party APIs (**OpenAI**) for AI-driven functionalities and using Tailwind CSS for modern, efficient styling. Using react hooks and components in a real project.

Ecommerce Application

Full-Stack Project using .NET Core, React 19, and MS SQL Server

- Developed a full-stack ecommerce platform with admin and user functionality.
- Built a secure admin dashboard with full **CRUD** operations for products, including search, filtering, and bulk actions.
- Implemented a user profile page with editable personal info and secure password update features.
- Created backend APIs using **.NET 8 Web API** and **Entity Framework Core** with role-based access control and input validation.
- Developed responsive UIs using **React 19**, **Vite**, **Tailwind CSS**, and **shadcn/ui**.
- Managed the database using **MS SQL Server**, handling seed data and resolving migration-related issues.
- Maintained **JWT authentication** for secure login and role management.

Technical & Soft Skills

Technical skills: Javascript, Typescript, HTML, CSS, React.js, Tailwindcss, Node.js, Express.js, .Net Core, MS SQL Server, Angular(Basics), Communication, adaptability, problem solving.

Certificates

React Basics
[Frontend Engineering with React](#)
[Backend Engineering with NodeJS](#)

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