

# Ahmed Masada

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## EDUCATION

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### University Malaysia of Computer Science & Engineering (UNIMY)

*Bachelor of Software Engineering (Hons)*

*Graduation, Feb 2025*

## EXPERIENCE

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### Farbeat Technologies Sdn Bhd

*Software Development Intern*

*Jun 2024 – Dec 2024*

- Designed and implemented responsive user interfaces using ReactJS, TailwindCSS
- 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
- Incorporated OpenAI's DALL-E 3 API for generating unique design assets for users

## PROJECTS

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### 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

### Investment Calculator

- Developed a Single Page Application (SPA) using React and Vite to model and visualize compound investment growth
- Implemented a core JavaScript algorithm to accurately calculate and track annual metrics including interest earned, end-of-year value, and total capital over a user-defined duration

### X-O Game (Tic-Tac-Toe)

- Developed a classic, interactive Tic-Tac-Toe game as a Single Page Application (SPA) using React and Vite, demonstrating proficiency in modern front-end development and build tooling
- Implemented core game logic in JavaScript to manage player turns, detect winning combinations (rows, columns, and diagonals), and handle draw conditions

## SKILLS

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**Technical skills:** JavaScript, Typescript, HTML, CSS, Node.js, Express.js, React.js, Next.js, Tailwindcss, Shadcn, MUI

**Soft skills:** Communication, adaptability, problem solving

## Certificates

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React Basics

[Frontend Engineering with React](#)

[Backend Engineering with NodeJS](#)

[Beginner Problem-Solving Training](#)

Issued by Meta. Feb. 2024

Issued by Manara. Jan. 2025

Issued by Manara. Jan. 2025

Issued by Gaza Sky Geeks. Nov. 2025