Mohd Yusuf Hesam

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EDUCATION

Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram
B.Tech, CGPA: 8.47, Expected Graduation: 2025

TECHNICAL SKILLS

Programming Languages: JavaScript, Python, C/C++, HTML/CSS
Technologies: React, Next.js, Node.js, Express.js, Django, Flask, Tailwind CSS, MongoDB, PostgreSQL
Tools: Git, Github, VS Code, Postman, Figma

EXPERIENCE

Web Development Intern   its12 GiftWorld Pvt. Ltd.
July 2024 – Present
- Developed an **e-commerce** website with **Next.js** focusing on user experience and performance.
- Used **Razorpay** for payment gateway integration, **Google OAuth** for seamless authentication
- Developed internal tools using **React** for front-end development and **Flask** for back-end development.
- Deployed apps in production on **AWS EC2** instances.

Machine Learning Intern   IIITDM Kancheepuram
May 2023 – July 2023
- Conducted predictive analysis on **cloud computing resource utilization**, classifying usage into four levels—low, medium, high, and very high—via data pre-processing, cleaning, and labeling for optimal classifier performance.
- Achieved accuracy of **91% with ANN, 94% with SVC, 97% with XGBoost**.
- Developed graphics to show how resource metrics and model forecasts differ from real values.

PROJECTS

Pharma Track AI [View Source]
Node.js, FastAPI, PostgreSQL, React, Tailwind, ANN, GitHub Actions — Collaborative Project
- Implemented a **LLM chatbot** using **Gemini API** for customer support.
- **PostgreSQL** hosted on **Amazon RDS** was used for scalable and effective data management.
- Developed RESTful APIs for backend services with **FastAPI** and **Node.js**, allowing for real-time forecasts.
- To ensure that the model adapts to new data, a continuous integration and retraining pipeline using **GitHub Actions** was setup.

Real Estate App [View Source]
Node.js, Express, MongoDB, React, Redux Toolkit, Tailwind
- **Tailwind CSS** was utilized for responsive design and **Node.js** for backend and **MongoDB** as the database.
- Simplified the navigation of real estate listings by implementing powerful **search and filter features**.
- **Google OAuth** was used for smooth user authentication.
- **Redux Toolkit** was used to handle the global application state, for more effective state management.

Ecommerce App [View Source]
JavaScript, React, Redux, Bootstrap, Express, MongoDB
- A multi-page frontend user interface with an intuitive design was developed using **React.js** and **Bootstrap**.
- Used **Redux Toolkit** for efficient state management across components.
- Integrated **Cloudinary** for image handling and packages like **Multer, Formik, Toastify, and Nodemailer** were used.
- **Razorpay** was used as a payment gateway and an admin panel was implemented.

ACHIEVEMENTS

- Selected in the top 32 out of 5581 teams for **Pharma Track AI** in the **Smart Industry 4.0 Hackathon** 2024 at Chennai Institute of Technology.

- Solved **200+** questions on **LeetCode** and **GeeksforGeeks**.