

Mallik Narsina

+91 7075918351 / malliknarsinaatwork@gmail.com / [linkedin.com/malliknarsina](https://www.linkedin.com/in/malliknarsina/) / github.com/Mallik0 | www.malliknarsina.me

EDUCATION

Institute of Aeronautical Engineering

Bachelor of Technology in Computer Science and Engineering (AI & ML)

CGPA – 8.12

Dundigal, Hyderabad

November 2021 – Present

Indian Institute of Technology Madras

BSc Degree in Data Science and Programming

CGPA – 7.00

Chennai, Tamil Nadu

January 2022 – Present

EXPERIENCE

ZODOK / Back-end Developer

January 2025 – May 2025

- Integrated Supabase for **end-to-end backend services**, implementing authentication, database management, storage, and edge functions, **reducing** backend development time by **40%** .
- Led the development of Zodok's cross-platform mobile app using **React Native** for Android and iOS, managing a team of 6 developers and delivering **MVP within 6 weeks** .
- Achieved a **10% customer return rate** by integrating post-purchase retention features and automated outreach .

PROJECTS

ShopSphere - E-Commerce Web Application / React.js, Node.js, Express.js, MongoDB, JWT

- Built a **secure authentication** and **authorization** flow using **JWT** and Node.js for safeguarding user sessions .
- Implemented **order confirmation**, user **profile management** enhancing the overall usability and operational control .
- Engineered a responsive shopping experience using **React.js**, including optimized product catalog and cart .

SpamSense - Spammer Identification using Machine Learning / Python, Scikit-learn, Tkinter, Pickle, Naïve Bayes

- Developed a spam detection model using the **Multinomial Naive Bayes algorithm**, achieving over **95% classification accuracy** on real-world datasets .
- Optimized** the training pipeline to **reduce processing time** by **35%**, enabling quicker experimentation and iteration cycles .
- Engineered a text preprocessing pipeline including **regex-based noise removal** and **tokenization improving model performance by 20%** .

mallikGPT – An AI Chatbot Application / Node.js, Express.js, React, Postman, OpenAI API key

- Developed an AI chatbot application replicating **ChatGPT functionality** using OpenAI's API, supporting dynamic and context-aware conversations .
- A robust backend in **Node.js** and **Express.js** to handle real-time requests and availability for up to **500 simultaneous users** .
- Utilized Postman for comprehensive API testing and debugging, ensuring seamless integration with OpenAI's API .

PayFlow – A Digital Payment Platform / Node.js, Express.js, React

- Developed a **secure and scalable digital payment system** inspired by PayTM, enabling seamless peer-to-peer transactions .
- Implemented hybrid authentication using **Supabase Auth** and **JWT-based session handling**, enhancing login security and **reducing unauthorized access by over 90%** .
- Structured **MongoDB schema for wallet management**, transaction logging supporting **10,000+ simulated transactions** .

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, HTML/CSS, SQL

Frameworks: Express.js

Developer Tools: Git & GitHub, Postman, Vim

Libraries: Node.js, React.js, Tailwind CSS, NumPy

Databases: PostgreSQL

Deployment: Vercel

CODING PROFILES

[LeetCode](#)

[GeeksForGeeks](#)

[Hackerrank](#)

[CodeChef](#)