Harsh Buwade

Email: harshbuwade73@gmail.com
Mobile: +91 8308520556

LinkedIn: https://www.linkedin.com/in/harsh-buwade
GitHub: https://github.com/Harsh

EDUCATION

SB Jain Institute of Technology   August 2023 – May 2027

Bachelor of Technology in Computer Science and Engineering

TECHNICAL SKILLS

Languages: Java, Python,C,JavaScript, Typescript ,GoLang

Frameworks: Express.js, NodeJS, React.js,Django

Tools: Power BI, GIT, Android Studio, Visual Studio, Replit , Notion

Soft Skills: Leadership, Public Speaking, Information management, Logistics Management

PROJECTS

Travel Expense Tracker | HTML, Python, Flask, SQL

- Developed a web-based expense tracking system to record, categorize, and analyze travel expenses with secure user authentication
- Designed responsive user interface using HTML to add, view, update, and delete expense records in real time
- Implemented SQL-based database schema to store expense details (date, category, amount) and generate summary reports for better budget management

Warehouse Management System | Java, DSA

- Built a console-based warehouse management system using Java to efficiently manage inventory, orders, and stock levels
- Applied Data Structures and Algorithms (arrays, linked lists, hash maps, searching, sorting) to optimize product lookup and inventory updates
- Implemented order processing and stock validation logic to reduce retrieval time and ensure accurate inventory tracking

Spam Detection Web App | *Python, Flask, React,Scikit-learn, MongoDB*

- Developed an end-to-end machine learning system achieving 94 percent accuracy in spam classification using Scikit-learn's ensemble methods and natural language processing techniques
- Architected full-stack solution with Flask REST API, React frontend with real-time updates, and MongoDB for scalable data persistence and analytics logging
- Implemented live prediction pipeline processing 1000+ messages/hour with sub-200ms response time, featuring interactive dashboard for model performance monitoring and user feedback collection

AI Response Aggregator | *Next.js, TypeScript, OpenAI API, Google AI API, Tailwind CSS*

- Built intelligent conversational database system using RAG and NLP to transform user queries into SQL statements with 90% accuracy rate
- Implemented real-time WebSocket chat interface supporting 50+ concurrent users with JWT authentication and role-based access control
- Engineered AI-powered query validation ensuring read-only operations with 98% security success rate and 2-second response time

ACHIEVEMENTS

- Solved **500+** algorithmic problems.
- Hackathon Runner Up – 24-Hour Hackathon at SB Jain Institute of Technology
- Participated in SIH, National Level Hackathon Competition

VOLUNTEERING

Community Engagement Volunteer — SETU Welfare Foundation

- Conducted weekly Saturday community surveys to identify local problems and needs Prepared detailed reports documenting community issues for NGO program development and intervention planning