Mohammed Fawaz Haneef

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SUMMARY

- **Passionate developer with experience in building responsive frontends, scalable backend APIs, and full stack applications using React, FastAPI, and PostgreSQL.**:

EDUCATION

- **JNTUH University College Of Engineering Manthani** — telangana, India
  Bachelor of Technology - Computer Science Engineering ; GPA: 7.00 — *DEC 2021 - JUL 2025*
  Courses: *Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases*

SKILLS SUMMARY

- **Languages**: Python, PHP, Typescript, JavaScript, SQL, JAVA
- **Front-End Development**: React.js, Next.js (App Router + SSR/CSR), Tailwind CSS, Framer Motion, HTML5 ,CSS3, DOM manipulation
- **Back-End**: FastAPI, Django, REST API Design, SQLAlchemy, PostgreSQL, Websockets, JWT Authentication and OAuth2
- **Databases and Storage**: Mongodb, PostgreSQL, SQLite, Redis
- **DevOps**: Docker, Vercel, Git and GitHub, CI/CD, Postman, Swagger UI
- **Soft Skills**: Leadership, Event Management, Writing, Public Speaking, Time Management

EXPERIENCE

- **FUSION-TECH** — Remote
  Student Developer (Intern) — *AUG 2022 - SEP 2022*
  - **Development of Java App**: Developed a Fitness Tracking app
    Worked with real time developers gaining the workplace experience

PROJECTS

- **Personal Portfolio Website with Dark Mode & Animations**: Designed and developed a fully responsive personal portfolio website to showcase projects, skills, and experience. Implemented a modern dark/light mode toggle, animated transitions using Framer Motion, and smooth scrolling navigation. Integrated SEO best practices and deployed the website using Vercel for high-performance global access.
  Tech Stack: Next.js, Tailwind CSS, Framer Motion, TypeScript, Vercel

- **RESTful E-Commerce API Backend**: Built a scalable and secure backend API for a full-featured e-commerce platform. Implemented user authentication with JWT, admin-based product management, user-specific shopping carts, and a complete order management system. Integrated Stripe for payment processing and deployed the API using Docker and Uvicorn.
  Tech Stack: FastAPI, PostgreSQL, SQLAlchemy, JWT, Docker, Stripe

- **AI-Powered Developer Assistant App**: Developed a full-stack AI assistant web app that helps developers generate, explain, and refactor code using GPT-powered prompts. Integrated user input panels with state management and connected to OpenAI's GPT API for natural language-based developer assistance. Frontend built with React and animations, backend with FastAPI REST APIs, and MongoDB for prompt logging.
  Tech Stack: FastAPI, React.js, OpenAI API, TypeScript, MongoDB

- **CABA: Cognitive Attendance And Behaviour Analysis**: Built a smart monitoring system that uses face recognition and emotion analysis to track attendance and measure engagement. It captures real-time facial data to confirm presence and detect emotions to understand attentiveness. This system can be used in schools, offices, training sessions, and events where knowing both presence and participation is important..
  Tech Stack:Flask, Flask-login, OpenCV, Face Recognition, DeepFace, Pickle, Numpy, OS

- **LANG-LENS:**: Developed a user-friendly OCR application that extracts text from images and supports both English and Hindi using the EasyOCR library. The tool allows users to search for keywords within the extracted text, with matches highlighted for easy reading. It also includes a feature to download the text as a JSON file. This solution helps in digitizing printed or handwritten content, making it easier to access, search, and store information.
  Tech Stack:Streamlit, OCRModel, PIL, Numpy, Regex

EXTRACURRICULAR AND TECHNICAL ACTIVITY

- Overall Coordinator – College Tech & Cultural Fest
- Team Lead of BEATS(team name) at FINERVA HACKATHON
- HARITA HAARAM : Planted over 1000 trees

VOLUNTEER EXPERIENCE

- **Community Lead at Student Clubs JNTUH University College Of Engineering Manthani**
  Conducted offline technical & English communication training impacting students.

- **Event Organizer at AAKRITI TECH AND NON TECH FEST** — JNTUHUCEM
  Organized events, conducted Technical Games that helped students learn in a fun and engaging way.