

# Mohammed Zaid

## AIML ENGINEERING STUDENT

✉ mohammedzaid83505@gmail.com

☎ 7795871481

## EDUCATION

### B.E IN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Pa College of Engineering

Graduating Year :2027

### PRE UNIVERSITY

St Aloysius Pre University College

## SKILLS

### Technical Skills

Programming: Python

Frameworks: Flask, Streamlit

AI & LLM Tools:

LangChain

HuggingFace Transformers

OpenAI API

OpenRouter (LLM routing & multi-model integration)

Prompt Engineering

Retrieval-Augmented Generation (RAG) using FAISS & PDF chunking

Automation & Workflows: n8n

Databases: MongoDB

Version Control & Infra: Git, GitHub, Render, Railway

Networking: Basic understanding (API access, deployment, routing)

--

### Startup & Product Building

SaaS Development — Founder @ HatchUp.ai

LLM-Powered Features — Chatbots, summarization, project analysis tools

Early Stage Startup Building — MVPs, user feedback, grant pitching

Freelance & Client Work — Built and delivered AI-based tools for clients

Workflow Automation — Built backend logic and flows using n8n

--

### Design & Communication

Graphic Design:

Canva (primary)

Adobe Photoshop CC (PSCC)

Pitch & Product Storytelling: Designed decks, visual identities, and written product bios

## PROFILE

I'm Zaid a builder, learner, and someone who enjoys turning ideas into real, working things. I've been freelancing, taking part in hackathons, and now building my own startup, HatchUp.ai, where we're helping founders move faster by using AI in smart, simple ways.

While I'm deep into the startup world, I'm also constantly looking for opportunities to grow — especially through internships where I can learn from experienced teams, contribute to something meaningful, and get better at what I do. I'm someone who figures things out, asks questions when needed, and brings a lot of energy into every project.

## EXPERIENCE

### Freelancing In graphic designing

have a strong background in graphic designing, with two years of experience as a freelancer from 2021 to 2023. During this time, I worked on various creative projects, delivering high-quality designs that met client expectations. This experience honed my skills in visual storytelling, branding, and design tools, enabling me to bring unique ideas to life. Even was hired by eSports team as a graphic designer

### HatchUp

Developing HatchUp.ai, an AI-powered platform designed to help startups and businesses grow by offering tailored guidance and smart automation tools. The app features an intelligent chatbot for personalized startup advice, a dedicated news section for market insights, and a "Second Brain" feature to manage ideas, tasks, and key information efficiently. With plans to expand into automated task management and workflow optimization, HatchUp.ai aims to simplify the startup journey. Currently in development, it has secured ₹10,000 in grant and is actively gathering user feedback to refine its features.

### Faithful Rise Community

I founded Faithful Rise, a community initiative focused on sharing authentic Islamic knowledge, Hadiths, and motivational content. Since 2023, I've been organizing annual Ramadan charity drives, coordinating donations and support for underprivileged families. Through consistent content sharing and digital engagement, I've grown the community and created a positive space for spiritual learning and social impact.

### LLM Developer -LOOP

Implemented retrieval-augmented generation (RAG) for enhanced document retrieval and contextual responses.

Applied prompt engineering techniques to optimize AI-driven solutions.

# PROJECTS

---

## **HatchUp.ai – AI Startup Co-Pilot (working)**

Mistral + LangChain

Second-brain style assistant that breaks down ideas into MVPs, decks, bios, and connects founders with mentors. Automates workflows for early-stage founders.

## **Smart Café (Drive-Thru Automation)**

Python + Flask

QR-based system where users order from café tables or cars. Orders sent to kitchen & delivery is auto-mapped to the parking spot.

## **DocEase – Legal PDF Summarizer**

HuggingFace + TTS

Summarizes legal docs with voice playback and translation. Designed for faster understanding of complex legal content.

## **ZenRage – Emotional Chatbot for Mental Clarity**

Streamlit + Gemini 1.5

Chatbot with “Calm Me”, “Hype Me”, and “Vent” modes for youth support. Uses tone-aware prompting for real-time emotional clarity.

## **SiratGPT – Islamic AI Chatbot**

Powered by Quran (PDF) & Hadith. Uses LangChain + DeepSeq for spiritual answers. MongoDB + embeddings for retrieval. Built under Faithful Rise, with planned voice recitation.