

ANANYA JOSHI

Backend Engineer

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SUMMARY

Proficient in designing and implementing scalable backend solutions, I specialize in leveraging **Python's** powerful **frameworks** to build dynamic and efficient web applications and RESTful APIs. Adept at database management using MySQL and MongoDB, with **hands-on expertise** in Django, Flask, and FastAPI.

SKILLS SUMMARY

- **Backend Frameworks:** Django, Flask, FastAPI
- **Languages:** Python, JavaScript, HTML, CSS
- **Database:** MySQL, MongoDB
- **Tools/Platforms:** Git, GitHub, Jupyter Notebooks, REST APIs
- **Cloud & Containerization:** AWS (EC2, S3), Microsoft Azure, Docker
- **Frontend Frameworks:** React.js, Next.js, Bootstrap, Tailwind CSS
- **Soft Skills:** Public Speaking, Leadership, Rapport Building, Team Management

EXPERIENCE

Contributor @ Delhi University – Blood Donation Website

Remote

Project Contribution

July'25 – Present

Developing the backend for a **Flask-based** blood donation platform to connect donors, recipients, and blood banks across Delhi University. Implementing secure **REST APIs**, database models, and authentication workflows, ensuring smooth donor registration, request management, and real-time availability tracking.

Intern @ Uttar Pradesh Metro Rail Corporation

Lucknow, India

Internship

Jan'25-April'25

Developed a **Django-based Inter-Departmental Issue Tracking Portal** with role-based dashboards, user authentication, and status management. Implemented backend logic using **Django ORM** and views, ensuring modular, scalable architecture for efficient cross-department coordination.

PROJECTS

- **Twachic: AI-Powered Symptom Analysis & Personalized Skin Care Recommendations** - Built a **Django-based** web app where users upload skin images for **real-time AI-driven analysis** via the **Google Gemini API**. Implemented image handling, API integration, and dynamic result rendering. Managed data with MySQL, and used Bootstrap/HTML/JS for the frontend. **Tech: Django, Google Gemini API, MySQL, HTML, Bootstrap, JavaScript.** [\[Github\]](#)
- **IntelliMail: Smart Multilingual Email Generation Tool** – Built an intelligent AI-powered email assistant that crafts emails in various tones (professional, friendly, casual, etc.) using **Large Language Models** like Google Gemini. The app supports multilingual output (30+ global languages), **live tone previews with descriptions**, and smart features like **editable body, emoji insertion, text-to-speech playback**. **Tech: Next.js, TypeScript, FastAPI, Google Gemini API, Tailwind CSS, MongoDB.** [\[Github\]](#)
- **Ananya.verse: A responsive and visually engaging developer portfolio designed to reflect technical proficiency, creativity, and growth** – Developed a portfolio that highlights personal projects, technical skills, resume, and contact details—making it ideal for recruiters, collaborators, or tech enthusiasts exploring your work. **Tech : Next.js, React.js, Tailwind CSS, HTML, CSS, JavaScript.** [\[Github\]](#)

Education

- **Goel Institute of Technology & Management** Lucknow, India
Bachelor of Technology - Information Technology; CGPA: 8.37
Nov' 22-Present
- **St. Anthony's School** Barabanki, India
Class 12: 75.4%; Class 10: 91.4%
Apr'08 – Jul'22

Achievements and Leadership Experience

- *Selected as Unstop Campus Ambassador, representing the institution in outreach initiatives.*
- *Awarded **Bronze Medal** in Inno Quest Quiz at AKTU Zonal level.*
- *Crowned “**Miss Rhythm Divine 2023**” at the annual college fresher’s party.*
- *Served as **Head Girl (School Captain)** at St. Anthony’s School for the 2021–22 session.*
- *Achieved **Elite + Silver Medal** in Google Cloud Computing Foundations Course by NPTEL.*