

GANESH MOHANE

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PROFILE SUMMARY

AI/ML Engineer with experience building and deploying production-ready AI solutions focused on privacy-first AI tools, ML optimization, and scalable deployments using Python, FastAPI, Docker, and modern AI frameworks. Passionate about solving real-world problems through AI and software engineering.

EDUCATION

University of Mumbai

Mumbai, India

B.E. in Artificial Intelligence & Machine Learning CGPA: 8.24

October 2021 - June 2025

EXPERIENCE

ML Engineer - [AISOLO Tech](#) Python, ML, CUDA Deployments

Oct 2025 - present

- Working on privacy-focused AI tools ([bgblur.com](#)) including face anonymization, segmentation, and AI-powered media processing features.
- Optimized GPU-based ML inference pipelines, reducing processing time from **1 second/frame** to **under 100ms/frame**.

DevOps Intern - [Technowin Solutions Pvt. Ltd.](#) MSSQL, Django, React Native

June 2024 - May 2025

- Built and launched a cross-platform attendance app + webapp named eTimeTracker, now used by 3+ companies in total active employees are **400+**. Published on both **Google Play Store** and **Apple App Store**.
- Developed and delivered a [MyMaidCV](#) webapp platform with integrated AI for faster passport data extraction and autofill, simplifying worker onboarding for manpower agencies supplying workers to Gulf countries.

SKILLS

- Languages:** Python, SQL **Frameworks:** FastAPI, Streamlit **Tools:** Linux, Git, Docker
- AI/ML:** OpenCV, CNN, RAG, Vector DBs, CUDA **Soft Skills:** Problem Solving, Team Collaboration

PROJECTS

[Private RAG Assistant AI LLM, RAG, Vector DB, On-Prem Hosting](#)

(Ongoing)

- Building an enterprise RAG assistant using LLMs and Vector DBs for secure internal knowledge retrieval.

[SafetyCheck - PPE Compliance Checker](#) Python, CNN, Streamlit

- Designed a system to monitor Personal Protective Equipment (PPE) compliance (**e.g., gloves, goggles, face cover, PPE suit**), ensuring the safety of healthcare workers and patients before entering treatment areas.

[GradeGraph - Data Extractor and Visualizer](#) Python, Streamlit, Pandas, Matplotlib, GenAI

- Created a web tool for students and teachers to upload PDF results, automatically extracting data to provide visualizations such as pass/fail pie charts and topper list bar graphs for overall class performance.

ACHIEVEMENTS

- Hackathons:** Secured 7th rank in **Smart India Hackathon 2024** and was the Runner Up in CodeByte 1.0.
- Certifications:** [Become a Data Analyst](#) (Linkedin), [Google Data Analyst Track](#) (Google Cloud).

EXTRACURRICULAR

- Volunteering, [NSS LTCoE](#): Actively volunteered for **2 years**, organizing *Tree plantation, Beach cleaning, Awareness rallies, Skits, Blood donation & Residentials camps* that positively impacted over **500+** people.
- Design Head, [The English Club](#): Led the design and creative direction for the **Model Business Summit-2024**, creating all visual assets (flyers, IDs, Table Tents, banners) and attracting participants from **8+** colleges.

PERSONAL INFORMATION

Interests: Space, Technology

Hobbies: Playing Piano, Reading

Languages: English, Hindi, Marathi