Aaryan Singh

Full-Stack AI Engineer

Email: singhaaryan348@gmail.com
Portfolio: https://aaryansingh.vercel.app/
Linkedin: https://www.linkedin.com/in/aaryan-singh/
Github: https://github.com/Aaryansingh20
Date of birth: December 20th, 2003
Address: Mumbai, India

Education

2021 - July 2025	**Bachelor's of Engineering (Artificial Intelligence and Machine Learning)** Mumbai University CGPA: 6.50 | German CGPA: 2.7
2020 - August 2021	**Higher Secondary State Board (XII)** Sheth Vidya Mandir Junior College Percentage: 82.83%

Publications

March 2025	**Gen-AI Based Chatbot on Top of Llama for SSR Documents.** International Journal of Scientific Research in Engineering and Management (IJSREM), Vol. 09, Issue 03 DOI : link

Experience

August 2024 - December 2024	**Front-end Intern | Pillow Connect (Remote)** - Developed a chatbot system that collected user information and matched individuals based on job-related similarities, improving platform engagement. - Integrated backend APIs to enable authentication, profile management, and real-time chatbot interactions. - Collaborated with designers for UI/UX consistency and with the backend team to ensure seamless data integration.

Projects

June 2025	**IRIS - An AI-powered chatbot for high-accuracy document query answering**

- Developed a powerful AI chatbot combining Gemini API and Retrieval Augmented Generation (RAG) with dynamic chunking using Q Learning for enhanced document search and response accuracy.
- Built a fully Streamlit-based frontend integrating document ingestion, semantic search, and real-time responses.
- Live : IRIS

January 2025	**Buyme - An E-commerce UI with Interactive 3D Clothing Models & Gemini AI Virtual Try-On.**

- Created an frontend ui of e-commerce website, with 3d models of clothes with responsive design.
- Integrated Gemini AI to allow users to upload clothing images and virtually try them on, adding a smart AI-driven personalization feature.
- Live: Buyme

Skills

PROGRAMMING LANGUAGES : Python, Javascript, Typescript.
AI & ML: Langchain, RAG, FAISS, Q-Learning, LLM APIs(Gemini, LLaMa).
TOOL AND TECHNOLOGIES: Github, Git, Vercel , Render, Figma.
WEB DEVELOPMENT: Next js, React, Node, Express, Tailwind css.

Extra-Curricular and Certifications

05 July 2025	**IELTS** Listening 7.5, Reading 8, Writing 6.5, Speaking 7 - Overall 7.5
05 September 2025	**Goethe-Zertifikat A1** Listening 16.60, Reading 16.60, Writing 14.94, Speaking 19.92 - Overall 68

01 October 2025
Aaryan singh