

AMAN SAINI

B.Tech Computer Science Student | Gen AI & Machine Learning Enthusiast Pilani, Rajasthan | +91-9166985385

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Portfolio: <https://amansaini0223.github.io/my-portfolio/>

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Projects:

1. TechAI Chatbot – Internship Project | Regex Software Services, Jaipur

Tech: Python, Gemini API, Streamlit, AWS RDS, Docker

- Built an AI chatbot using Gemini API and Streamlit during a regex-based internship.
 - Integrated AWS RDS for database, containerized the app with Docker, and deployed on EC2 and Streamlit Cloud.
 - Implemented regex handling for dynamic Q&A with improved NLP performance.
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Work Experience / Internships:

- Machine Learning and Gen AI Internship | Regex Software Services, Jaipur.
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Achievements and Participations:

- Runner Up | Patrika race Competition
 - Winner | Hindi Debate Competition
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Certifications:

- Python Programming | Infosys Springboard
 - Artificial Intelligence | Infosys Springboard
 - Data Science | Infosys Springboard
 - Machine Learning and Generative AI | Regex Software Services
 - Google & Kaggle | 5-Day AI Agents Intensive Course
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Technical Skills:

- Languages:** Python (Advanced), Java, C, C++, JavaScript, SQL.
 - AI & Machine Learning:** Generative AI, LLMs (Gemini API), AI Agents, NLP, Prompt Engineering.
 - Data Science:** NumPy, Pandas, Matplotlib, Scikit-learn, Exploratory Data Analysis (EDA).
 - Tools & Platforms:** GitHub, Docker, AWS (EC2, RDS), Streamlit, Canva, VS Code.
 - Core CS:** Data Structures & Algorithms (DSA), OOPs, DBMS, Operating Systems.
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Education:

- B. TECH CSE** | BK BIRLA INSTITUTE OF ENGINEERING & TECHNOLOGY, PILANI | CGPA: 8.0 (Till 4 Sem) | 2023-27
- HSC (12th)** | DURGA DEVI PUBLIC SR SEC SCHOOL, PILANI | Percentage: 77.40 | 2022
- SSC (10th)** | DURGA DEVI PUBLIC SR SEC SCHOOL, PILANI | Percentage: 78.17 | 2020