

SURAJ NAGRE

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Summary

Aspiring AI/ML Engineer with hands-on experience in AI-driven applications and cloud deployment. Experienced in developing RAG models, deploying AI solutions, building Agentic workflows and solving real-world problems with data-driven insights.

Skills

- Machine Learning & AI:** TensorFlow, Scikit-Learn, Keras, Generative AI, Statistics, LLMs, Amazon RAG, AI Agents
- Programming & Development:** Python, Java, SQL, Git, React JS, APIs
- Data Analysis & Visualization:** Matplotlib, Pandas, NumPy, Streamlit
- Deployment:** Flask, AWS API Gateway, Lambda, Kendra, S3, Bedrock, n8n, Docker
- Tools & Platforms:** Android Studio, Figma, WordPress, Streamlit, Cursor
- Soft Skills:** Communication, Leadership, Time Management, Problem-Solving, Teamwork

Key Achievements

Top 25 in FITT-IIT Delhi Hackathon

Ranked among the Top 20 out of 23,000+ participants in IIT Delhi onsite Hackathon, demonstrating exceptional skills in creating solution of Predictive Maintenance for Industrial Equipment's.

Top 20 in BOB Hackathon

Ranked among top 20 out of 25,000+ participants creating Personalized Content Creation using Generative AI.

Hackathon Winner

Our team stood 1st in the hackathon organized in MGM University by solving nonstop competitive coding question.

Experience

Donatekart

AI/ML Intern

- Working on developing an individual AI Agent for company which can automate tasks.
- Developing Agentic Workflow on n8n and implementing on CursorAI

Bengaluru, India

March 2025 – Present

NxTechWorks

AI/ML Application Development Intern

- Developed an Intelligent Auto or Taxi Ride Platform (like OLA, UBER)
- Developing the application by using Flutter, Dart, MySQL, Fire Store, GitHub and Python and designed UI/UX on Figma
- Designing the application workflow, coding, testing, deploying and support.

Pune, India

Sept 2024 – Feb 2025

Education

Mahatma Gandhi Mission University

Bachelors in Technology AIML

| CGPA: **8.04**

Chhatrapati Sambhajnagar

Dec 2021 – Sept 2025

Deogiri Junior College

Science | Percentage: **91.3**

Chhatrapati Sambhajnagar

Sep 2019 – Sep 2021

Projects

Intelligent Donor Query System using Amazon RAG & AWS Services

Developed a serverless chatbot using AWS Bedrock, Kendra, and Lambda to provide intelligent donor insights for an NGO. Implemented a Retrieval-Augmented Generation (RAG) system with S3 storage and Kendra indexing to enable real-time query responses. Hosted the chatbot using a scalable alternative to API Gateway for cost efficiency.

- Tools/Technologies:** AWS S3, Kendra, Bedrock, Lambda, API Gateway and Netlify

Projects

Building Fashion Generative Adversarial Network (GAN) (Deep Learning)

[View in GitHub](#)

The Fashion Generative Adversarial Network (GAN) is a project focused on generating realistic fashion images using advanced machine learning techniques. GANs are a class of neural networks that consist of two models: a Generator and a Discriminator.

- **Tools/Technologies:** Python, Tensor Flow, Google Collab, Model Training

Intelligent Taxi/Auto Booking Platform

[View in GitHub](#)

Worked on a cross-platform online taxi booking application using Flutter and Dart, integrating real-time booking, real time navigation and payment features also additionally adding AI features like recommendation system and finding highest rated drivers nearby. Designed intuitive UI/UX in Figma, ensuring a seamless and user-friendly experience on Android devices with team.

- **Tools/Technologies:** Flutter, Dart, Figma, UI/UX, Python, Excel, Local Database, ChatGPT

Hackathons

- Bank Of Baroda Hackathon (Remote)
- 2x FITT IIT-Delhi (DELHI)
- NSS (JNEC, MGM University)
- GFG (JNEC, MGM University)
- PHOCCOE – Hack Overflow 2.0 (MUMBAI)
- Tata Elxsi TELIPOINT (Remote)
- MGM University Foundation Day Hackathon (Winner)

Achievements

- WTM-IWD Event Organizer of Google for Developers
- GDG Dev-Fest 2023 Speaker & Volunteer (GDG Aurangabad)
- GDG Dev-Fest 2022 Volunteer (GDG Aurangabad)
- Geeks for Geeks Technical Team Member (GFG MGMU)
- IEEE Executive Team Member (IEEE MGMU)
- SWAYAMBHU Call of Duty Event Organizer (MGMU)

Certifications

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| • Google Cloud Computing Fundamentals & Gen Ai | View Credentials |
| • Google AI Essentials | View Credentials |
| • Microsoft Certified: Azure AI Fundamentals | View Credentials |
| • GitHub Foundations | View Credentials |