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, LangChain
* **Programming & Development**: Python, Java, HTML, CSS, JS, MYSQL, Git, React JS,Rest APIs, Node JS, Express JS
* **Data Analysis & Visualization**: Matplotlib, Pandas, NumPy, Streamlit, LangGraph
* **Deployment**: Flask, AWS (API Gateway, Lambda, Kendra, S3, Bedrock), Docker, n8n, LangSmith
* **Tools & Platforms**: Android Studio, Figma, WordPress, Streamlit, Cursor
* **Soft Skills**: Communication, Leadership, Time Management, Problem-Solving, Teamwork

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.

# Key Achievements

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 Bengaluru, India**

AI/ML Intern March 2025 – Present

* Working on developing an individual AI Agent for company which can automate tasks.
* Developing Agentic workflow on n8n and implementing on AWS.
* Implementing RAG based workflow on AI Agent and working on vectorization of data for embeddings.

**NxTechWorks Pune, India**

AI/ML Application Development Intern Sept 2024 – Feb 2025

* 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.

# Education

**Mahatma Gandhi Mission University** Chhatrapati Sambhajinagar

Bachelors in Technology AIML

| CGPA:

## 8.04

Dec 2021 – Jun 2025

**Deogiri Junior College** Chhatrapati Sambhajinagar

Science

| Percentage:

## 91.3

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](https://github.com/kurai-sx/Building-Generative-Adversarial-Network-GAN)

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](https://github.com/kurai-sx/Chill-Cabs)

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.O (MUMBAI)
* Tata Elxsi TELIPORT (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

* Google Cloud Computing Fundamentals & Gen Ai [View Credentials](https://drive.google.com/file/d/11VAy9YNc3TBCRU0n6tvv872osoF9hFlJ/view?usp=drive_link)
* Google AI Essentials [View Credentials](https://www.coursera.org/account/accomplishments/verify/VS8W8RHS3K3N?utm_source%3Dandroid%26utm_medium%3Dcertificate%26utm_content%3Dcert_image%26utm_campaign%3Dsharing_cta%26utm_product%3Dcourse)
* Microsoft Certified: Azure AI Fundamentals [View Credentials](https://drive.google.com/file/d/1U9uiWm5ASVGEriDe4374DXMlhOmardwM/view?usp=drivesdk)
* GitHub Foundations [View Credentials](https://www.credly.com/badges/92f33e02-9c9c-4e00-a0c4-657fc31f1874/linked_in_profile)