HITESH KUMAR

AI/ML Enginner

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- 🔗 http://www.linkedin.com/in/hitesh-kumar-aiml
- @ hiteshofficial0001@gmail.com
- 📍 Gurugram, India

SUMMARY

Motivated Computer Science Engineering student specializing in AI and Machine Learning, with experience in developing AI-powered applications, web development, and data analytics. Skilled in Python, SQL, and various AI frameworks, including TensorFlow, PyTorch, and Scikit-learn. Proven leadership and collaboration skills through volunteer work and internships, including developing machine learning models and building automated content generation systems. Passionate about leveraging AI to solve real-world challenges, with a focus on MLOps, cloud-based AI solutions, and scalable deployment.

EDUCATION

Bachelor of Engineering in CSE (Artificial Intelligence and Machine Learning with IBM)

Chandigarh University
- 📅 09/2022 - 09/2026 📍 Gharuan, Punjab
- **CGPA**: 7.87
- **Relevant Coursework**: Object Oriented Programming, Databases, Discrete Mathematics, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Data Mining, Advanced Data Structures and Algorithms, Information Retrieval, Image Processing

Senior Secondary (Class XII)

Pathfinder Global School
- 📅 03/2020 - 03/2022 📍 Gurugram, Haryana
- Percentage: 88%

Secondary (Class X)

Pathfinder Global School
- 📅 01/2018 - 03/2020 📍 Gurugram, Haryana
- Percentage: 91.4%

PROJECTS

Gemini BlogBot: Automated Content Creator
- 📅 2024 - 2024 📍 Location
- 🔗 GitHub Deployed

I have built a Retrieval-Augmented Generation (RAG) system using the Gemini LLM, which features multimodal interaction by integrating with the YouTube API to extract relevant information. Additionally, I developed a multi-agent RAG system that generates blog post content based on the extracted data. To optimize performance, I implemented model fine-tuning and vector embedding techniques.

- **Tech Stack:** Gemini LLM, YouTube API, Python, GitHub

EXPERIENCE

Dataset Preparation

Think Blue Data
- 📅 08/2024 - 10/2024 📍 Remote
- 🔗 https://github.com/Hiteshydv001/think_blue_data

Tech Stack: Label Studio

- Helped in annotation of complete dataset of building topology, passive features and building type
- Assisted in developing a model for societal planning in Asian countries

Developer

African Association of Entrepreneurs (AAE)
- 📅 09/2024 - 10/2024 📍 Remote
- 🔗 https://github.com/Hiteshydv001/AAE_french_version
  https://aaeafrica.org/fr/home/

Tech Stack: WordPress CMS, Various extension, AMP

- Developed the French version of the website with user login and registration
- Managed user groups connected to the database
- Integrated AMP builder for improved performance
- Translated articles from English to French

TRAINING / COURSES

Multicloud Network Associate
Aviatrix

Data Visualisation
Tata Group

Data Science
Coursera

Business Program
StartUp India Learning

Data Science
Ibm

Course Title
Which institution provided the course?

LANGUAGES

English
Proficient ● ● ● ● ○

Hindi
Native ● ● ● ● ●

SKILLS

Algorithms · Android · Android Studio · Apex · API · API Integration · Artificial Intelligence · Azure · Beautifulsoup · CMS · Computer Vision · CSS · Data Mining · Data Science · Data Structures · Data Structures And Algorithms · Data Visualisation · Data Visualization · Database Management · Database Management System · Databricks · Deep Learning · Django · Entrepreneurship · Express.js · Figma · Flask · Git · Github · Gitlab · HTML · IBM · Intellij · Java · Javascript · Jupyter Notebook · Keras · Machine Learning · Mathematics · CSS · Django · FastAPI · Streamlit · RESTful APIs · Web Scraping (BeautifulSoup)

EXPERIENCE

ML Intern
Code Clause
📅 09/2023 - 10/2023   📍 Remote
🔗 Github
Deployement

Tech Stack: WordPress CMS, Various extension, AMP
- Developed a spam classifier using machine learning
- Implemented mask detection using computer vision
- Conducted personality prediction based on resumes.

ML Intern
Bharat Intern, Remote
📅 11/2023 - 12/2023   📍 Remote
🔗 Github
Deployment

Tech Stack: WordPress CMS, Various extension, AMP
- Developed house price prediction models for Bangalore
- Created a wine quality prediction model
- Evaluated and tested ML models using various metrics

VOLUNTEERING

Accelerator
Ministry of Social Development and Human Security of Thailand (MSDHS)
📅 11/2023 - 11/2023

Participated in the celebration of International Volunteer Day, promoting volunteerism to achieve Sustainable Development Goals (SDGs) in Thailand also helped them in promotion and inauguration of their website

Awareness Lead
African Association of Entrepreneurs (AAE)
📅 06/2024 - 08/2024

Collaborated with a team of 20 volunteers around world to raise awareness about economic empowerment for SMEs

Publication Lead
African Association of Entrepreneurs (AAE)
📅 02/2024 - 05/2024

Led a team of 25 people around the world in producing articles and reports on the entrepreneurship landscape in Africa, enhancing knowledge of SME dynamics and leadership in collaborative settings.

Awareness Volunteer
African Association of Entrepreneurs (AAE)
📅 07/2024 - 08/2024

Supported initiatives to raise awareness about economic empowerment for SMEs, fostering collaboration among diverse stakeholders.

KEY ACHIEVEMENTS

💎 **Microsoft Azure Fundamentals certification (AI-900)**
Describe what you did and the impact it had.

💎 **Data Visualisation: Empowering Business with Effective Insights TATA GROUP**
Describe what you did and the impact it had.

💎 **Oracle Cloud Infrastructure 2024 Generative AI Certified Professional**
Describe what you did and the impact it had.

💎 **Start-up India Learning Program by Invest India**
Describe what you did and the impact it had.

💎 **Data Science Orientation Certificate by IBM**
Describe what you did and the impact it had.

💎 **Intel AI Global Impact Festival**
Describe what you did and the impact it had.

💎 **Certificate of Participation in Lensathon by Snapchat**
Describe what you did and the impact it had.

FIND ME ONLINE

Linkedin
http://www.linkedin.com/in/hitesh-kumar-aiml

Github
https://github.com/Hiteshydv001

PASSIONS

💎 **Listening to music**

💎 **Staying with nature**

💎 **Running**

CERTIFICATION

Applied Machine Learning in Python
University of Michigan (Coursera) Sep-24 Skills: Python, ML

Multicloud Network Associate
Aviatrix Sep-24 Skills: Cloud, Aviatrix cloud

Academy Accreditation - Generative AI Fundamentals
Databricks Aug-24 Skills: Generative AI, LLMs, AI

Data Visualisation: Empowering Business with Effective Insights
Tata Group Jul-24 Skills: Data visualization

OCI 2024 Generative AI Certified Professional
Oracle Jul-24 Skills: Generative AI, LLMs, Machine Learning

AI-900: Azure AI Fundamentals
Microsoft Jun-24 Skills: AI, Machine Learning

Data Science Orientation
Coursera Oct-23 Skills: Data Science, Data Analysis

StartUp India Learning Program
Invest India Oct-23 Skills: Business

What is Data Science?
IBM Oct-23 Skills: Data Science

Oracle Cloud Data Management Associate
Oracle Aug-24 Skills: Cloud, Oracle cloud

ADDITIONAL SKILLS

SQL Databases, MongoDB, Git, GitHub, GitLab, Pandas, NumPy, Matplotlib, Seaborn, Plotly, Exploratory Data Analysis (EDA), , Deep Learning, Generative AI (GenAI), Computer Vision, Natural Language Processing (NLP), Time Series Analysis, Recommendation Systems, TensorFlow, Keras, PyTorch, Scikit-learn, OpenCV, Hugging Face, Python, R, SQL, Java, C, C++, Shell Scripting, DSA, OOPS, Sublime Text, IntelliJ IDEA,

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