RAGHAV JOSHI

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HIRE ME

Aspiring AI/ML Engineer

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# SUMMARY

I am a motivated and detail-oriented aspiring AI/ML Engineer with a strong academic foundation in Computer Science. My expertise lies in data analysis and machine learning techniques, with hands-on experience using frameworks like TensorFlow and PyTorch. I am passionate about turning data into actionable insights and eager to contribute to impactful AI-driven solutions in collaborative environments.

# EDUCATION

Bachelor of Technology in Computer Science and Engineering

**JIMS Engineering Management Technical Campus, Delhi NCR | Affiliated to GURU GOBIND SINGH UNIVERSITY (IPU)**

2022-2026 Delhi NCR

Current CGPA: 8.188/10.0



Schooling

**Kendriya Vidyalaya, Vigyan Vihar (CBSE)**

2010-2022 Delhi

10th Grade: 70% | 12th Grade: 75%

# STRENGTHS

## 💻 Technical Thinking

## Strong analytical and logical reasoning

## Quick learner of new technologies and frameworks

## Data-driven mindset with attention to detail

## Ability to break down complex problems into modular solutions

## 📈 Work Ethic / Mindset

## Self-motivated and continuously learning through online platforms

## Strong perseverance and adaptability in new tech domains

## Curiosity and passion for artificial intelligence and its real-world applications

## Goal-oriented and deadline-driven

## 🤝 Collaboration / Communication

## Effective team collaborator during academic and project work

## Clear communicator of technical concepts to non-technical peers

## Initiative-taker in group projects and events

# KEY ACHIEVEMENTS

- Completed multiple certified courses in Data Analytics and Machine Learning from platforms like Google AI and TCS iON.

- Building and sharing Python-based ML projects on GitHub, including facial recognition and data clustering demos.

- Recognized as a Microsoft Learn Student Ambassador for technical leadership and peer learning initiatives.

- Participated in real-world job simulation programs on Forage, gaining hands-on experience in data wrangling and business insights.

- Consistently pursuing advanced topics such as Q-Learning, Reinforcement Learning, and NumPy optimization.

# LANGUAGES

Native

**English**

**Hindi**

Native

# SKILLS

**C/C++**

**Deep Learning**

**Git**

**GitHub**

**Jupyter**

**Jupyter Notebook**

**K Means**

**Numpy**

**OpenCV**

**Pandas**

**Python**

**PyTorch**

**Scikit-Learn**

**Sentiment Analysis**

**SQL**

**EDA**

**TensorFlow**

# TRAINING / COURSES

* **Coursework & Challenges** – **Data Analytics Virtual Job Simulations – Forage**- Completed real-world job simulation programs by top companies on Forage.  
  - Gained practical exposure to data wrangling, dashboard creation, and business insights using Excel and SQL.
* **TCS iON Career Edge – Young Professional Certificate**- Completed a certified program covering soft skills, communication, interview techniques, and digital awareness.  
  - Developed job readiness for modern corporate environments.
* **Google AI – Learning Program**- Participated in introductory AI courses and hands-on modules provided by Google.  
  - Learned about AI applications, responsible AI, and the basics of machine learning pipelines.
* **TCS iON Career Edge – Young Professional Certificate**- Completed a certified program covering soft skills, communication, interview techniques, and digital awareness.  
  - Developed job readiness for modern corporate environments.
* **Hackathon Participant** – Codetreck by HASHTAG Society of JEMTEC on Jan 17,2025.
* **Microsoft Learn Student Ambassador**

- Represented Microsoft in the student community by hosting peer-learning sessions and promoting tools such as Azure and GitHub.  
- Earned certification for active contribution and leadership in Python and AI education.

# PROJECTS

**Real-Time Face and Behaviour Analysis System**

An under-development project focused on analysing face and behaviour in real-time

* Captures real-time video feed to detect and track human faces and analyses behavioural patterns using AI models
* Integrates facial expression recognition and pose estimation techniques to derive user sentiment and activity insights
* Applicable in sectors like retail for customer sentiment analysis, HR for workplace wellness monitoring, and surveillance systems
* Tech Stack: Python, OpenCV, TensorFlow (in progress)

# INTERESTS

**AI/Tech-Oriented**

* Building AI-powered mini projects (face detection, chatbots, etc.)
* Participating in data science hackathons and coding challenges
* Exploring ethical AI and responsible machine learning
* Contributing to open-source AI tools and GitHub repos

**Creative/Analytical**

* Visualizing data with dashboards and storytelling
* Reading about AI applications in healthcare, space, and finance
* Following AI/ML research papers and trends
* Problem-solving games like Sudoku, chess, or Rubik's cube

**Personal Growth/Teamwork**

* Hosting or attending tech meetups and webinars
* Public speaking or presenting technical ideas
* Blogging or creating content around AI and tech

**Other Humanizing Interests**

* Photography & image editing (especially relevant for computer vision!)
* Running, fitness, or mindfulness (shows discipline/focus)
* Travel and cultural exploration (curiosity and adaptability)