



# Ayamullah Khan

## Data Scientist

### Contact Details

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### Technical Skills

- Python, R
- MySQL, SQL, MongoDB
- Data Visualization and Analysis
- HTML, CSS, C#
- Statistical and Mathematical Analysis
- Machine Learning and AI
- Deep Learning
- Computer Vision
- API Development
- Prompt Engineering
- GIT, GitHub
- Python Libraries: opencv, scikit-learn, numpy, pandas, tensorflow, pytorch, seaborn

### Soft Skills

- Leadership Qualities
- Decision making
- Communication
- Task Management
- Multi-tasking

### Education

- IIT Madras  
*B.S Data Science*  
Ongoing, Dec 2026
- Manipal University Jaipur  
*B.Tech Data Science*  
Ongoing, Aug 2026

### About Me

I am a data science student at Manipal University Jaipur, Rajasthan. I am passionate about using data to solve real-world problems and make a positive impact on society. My studies have given me a strong foundation in machine learning, statistics, and programming, and I am always looking for new ways to apply these skills to make a difference.

### Work Experience

#### Personify | Data Science and AI Intern

May 2023 – July 2023

Key responsibilities:

- Implemented top API tools as a Data Science and AI intern, enhancing data analysis capabilities and contributing to data driven solutions.
- Collaborated on designing and developing data processing pipelines for the API, ensuring accurate and reliable data for analysis and decision-making.
- Prepare reports on the above information and communicate the insights of these reports to the senior officials.

#### Feynn Labs | Machine Learning Intern

June 2023 – Aug 2023

Key responsibilities:

- Driving the development and implementation of advanced ML algorithms for solving complex business problems.
- Collaborating with cross-functional teams to analyze and preprocess large-scale datasets, ensuring data quality and compatibility with ML pipelines.
- Researching and developing state-of-the-art ML solutions, including deep learning models, to optimize performance and enhance predictive analytics accuracy.

#### CodeClause | Data Science Intern

June 2023

Key responsibilities:

- Developed and implemented an age and gender detection system using Python and computer vision techniques, achieving accurate predictions.
- Collaborated on a Python-based tumor detection project, conducting experiments, and evaluating performance. Improved efficiency and accuracy of medical image analysis.
- Contributed to the development of a Python model for color detection in images and videos, implementing color space conversion algorithms, optimizing color detection algorithms, and enhancing functionality.

## Achievements

- 1 x DataScience Hackathon Finalist (4th)
- 2 x Hackathon Finalist (5th and 4th)
- Top 0.1%ile in SSC Exams
- Top 0.1%ile in HSC Exam

## Technical Projects

### Age and Gender Detection

<https://github.com/ayam04/Py-Age-and-Gendar-Detection>

### Brain Tumor Detection

<https://github.com/ayam04/Py-Age-and-Gendar-Detection>

### Stock Market ML Simulation

<https://github.com/ayam04/StockMarketML>

### Tweet Generator Using Sentiment Analysis

<https://github.com/ayam04/Tweet-Generator>

### ML Snake Game

<https://github.com/ayam04/ML-Snake-Game>

## Certificates

- Python
- Machine Learning
- AI Bot Development
- Stock Market Simulation
- IOT and Sensors

## Open Source Contributions

### IVY | Machine Learning Framework

- Developed new features and fixed bugs in the Ivy - Unify ML open-source project.
- Worked with a team of developers to improve the project's code quality and performance.
- Contributed to the project's documentation and community outreach efforts.

## Volunteering

### MUJ ACM-W | Technical Head

*May 2023 - Present*

Key responsibilities:

- Oversee technical aspects of ACM W events and activities.
- Lead development and implementation of ACM W's technical strategy.
- Promote ACM W's technical initiatives and resources.

### IAESTE MUJ LC | ITDA Coordinator

*Dec 2022 - Present*

Key responsibilities:

- Responsible for analyzing and reporting on data related to IAESTE's programs and initiatives.
- Involves collecting, organizing and interpreting data to help and improve the effectiveness of IAESTE's operations.

### IEEE Sensors Council | Head of Promotions

*May 2023 - Present*

Key responsibilities:

- Plan and execute promotions.
- Identify and develop partnerships.
- Track and measure the effectiveness of promotions.