

Harsha Jain H J

Final Year B.E. in AI - ML, ATMECE, Mysuru
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Education

ATME College of Engineering, Mysuru
B.E. in AI ML Engineering

Dec 2022 – Present
CGPA: 8.90

Sadvidya Semi-Residential College, Mysuru
PUC – Karnataka State Board

Aug 2020 – Apr 2022
93%

Amrita Vidyalayam, Mysuru
SSLC – CBSE Board

Jun 2008 – Mar 2020
90%

Experience

Academor – Online Internship on Machine Learning

Remote: 2–3 months

Intern – Python | TensorFlow | Machine learning.

- Led a dynamic Python game project as team lead, collaborating with interns around the nation.
- Applied ML models under mentorship, enhancing practical understanding of Python.

Projects

F I N T: Food Image and Nutrition Tracker

[Github](#)

- Developed a CNN-based model (VGG-16) to recognize food images and provide nutritional information.
- Integrated real time image processing to identify various food items accurately.
- Implemented a user-friendly interface for seamless interaction with the system.

Move Mentor - College Bus Transportation Web App

[Github](#)

- Developed a real-time college bus tracking web app + ETA prediction.
- Enabled absence reporting and route optimization using ML.
- Designed a student and driver friendly interface for smooth and confusion free usage.

Melanocytic-Nevi Diagnosis System

[Github](#)

- Used ResNet50 architecture and transfer learning to classify skin conditions.
- Used Image and pattern recognition techniques to clearly classify melanocytic lesions and normal skin.
- Designed an upload and diagnosis printing feature to demonstrate the working of the model.

Technical Skills

Languages: JAVA, Python, SQL

Frameworks/Tools: J D B C , Git, Power BI, Linux, Flask (basic)

ML/DL: CNNs, Transfer Learning, Model Deployment

Cybersecurity: OSINT tools, Digital Forensics

Hackathons and Competitions

- Finalist – RVCExIITB 2025 @ RVCE Bengaluru
- Winners – Invaders - Hackathon 2023 @ MIT Mysuru

Languages known

Mother Tongue: Tulu

Fluent In: English, Kannada, Hindi