AMAR H M

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Bengaluru, Karnataka, India

PROFILE

B.Tech (AI & ML) student skilled in Python, NLP, machine learning, and model deployment. Experienced in building end-to-end AI systems, including email classification and face-recognition-based automation. Achieved improved model accuracy across projects and delivered functional solutions during an IoT internship.

SOFT SKILLS

- Communication Skills
- Teamwork & Collaboration
- Problem-Solving
- Adaptability
- Leadership
- Time Management
- Creativity
- Work Ethic

PROGRAMMING SKILLS

- Python
- SQL
- HTML
- CSS

AI & ML SKILLS

- Natural Language Processing
- Neural Networks
- Supervised & Unsupervised Learning

Tools & Platforms

- VS Code
- Jupyter Notebook
- GitHub
- Microsoft Office
- LaTeX
- TensorFlow
- PyTorch
- Scikit-learn
- OpenCV
- Natural Language Tool Kit (NLTK)
- HuggingFace
- FastAPI

EDUCATION

Bachelor of Technology (B.Tech), Artificial Intelligence & Machine Learning
Dayananda Sagar University – School of Engineering, Bengaluru | 2023 – 2026

Diploma, Electronics & Communication Engineering
SCT Polytechnic, (Department of Technical Education, Karnataka) Bengaluru | 2020 – 2023

SSLC (Secondary School Leaving Certificate)
New Indus Valley Residential School (State Board Karnataka), Bengaluru | 2019 – 2020

PROJECTS

- **Email Classification System (NLP)**
  Built an email classifier using NLP preprocessing and supervised ML algorithms to categorize incoming emails efficiently.

- **Smart Attendance System (Face Recognition)**
  Designed an automated attendance solution using OpenCV and Python for real-time face detection and recognition.

- **Custom Scripting Language Interpreter**
  Implemented a Python-based interpreter capable of parsing custom syntax, evaluating expressions, and executing conditional/loop statements.

- **CCTV Crime Detection**
  Developed a suspicious-activity detection model using video frame processing, feature extraction, and classical computer-vision algorithms.

INTERNSHIPS

- **Gravity India Pvt. Ltd**. – 3 Months (2023) IoT Industrial Orientation Internship
  - Attended technical sessions on company operations, IoT systems, and industry workflows.
  - Learned about IoT applications in buildings, including smoke detectors, CPU servers, and cloud-based monitoring.
  - Gained exposure to IoT device integration, data flow, and real-time alert mechanisms.

COURSES & CERTIFICATIONS

- **Advanced AI & ML Program (Offline) — Ongoing**
  9 Global Technologies | Aug 2025 – Feb 2026 *(Expected)*
  - ✓ **Completed so far:**
    - SQL
    - Python Programming
    - Statistics
    - Machine Learning (Supervised & Unsupervised)
  - ✓ **Upcoming:**
    - Visualization
    - Deep Learning
    - 2–3 ML Projects

- **Infosys Springboard (Online)**
  - IoT 101, IoT 201
  - Introduction to Python
  - Linux for Beginners
  - App Development with Linux

- **Coursera (Online)**
  - Artificial Intelligence an Overview
  - Ethics of Artificial Intelligence
  - Technologies and platforms for Artificial Intelligence
  - Machine Learning an overview

- **Wadhwani Foundation**
  - **Ignite Bootcamp – Idea to Plan (2025)**
    Gained hands-on skills in ideation, rapid prototyping, business model creation, and financial planning (18 hours of training).

HOBBIES & INTERESTS

- E-sports and competitive gaming
- Listening to music and watching movies
- Video and photo editing
- Playing cricket and volleyball
- Building new apps and exploring tech projects
- Social Media Content creation

LANGUAGES

- Kannada
- English
- Hindi
- Telugu