

PATHAKOTA MUNISHALINI

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CAREER OBJECTIVE

B.Tech CSE(AIML) student with strong skills in Python,Machine Learning algorithms,Data Analytics,and model development.Seeking an entry-level role where I can apply my technical knowledge,build intelligent solutions,and contribute to impactful AI/ML projects while continuously learning and growing in a professional environment.

EDUCATION

- B.Tech – Computer Science Engineering (AI & ML)**
Gouthami Institute of Technology, Andhra Pradesh | 2022-2026 | **CGPA: 8.5/10**
- Intermediate (MPC)**
Abhyas Junior College, Andhra Pradesh | 2020-2022 | **CGPA: 9.1/10**
- SSC**
Jeevan Jyothi High School | 2019 – 2020 | **CGPA: 9.9/10**

TECHNICAL SKILLS

- Programming & Data:** Python, SQL, Excel,Java,C
- Machine Learning/AI:** Supervised & Unsupervised Learning,Model Training & Evaluation,Feature Engineering.
- Visualization:** Power BI, Matplotlib, Seaborn
- Databases:** MySQL, MongoDB
- Tools & Technologies:** Git, GitHub, VS Code,Jupyter Notebook

Soft Skills

Problem Solving | Attention to Detail | Time Management | Communication | Adaptability | Skills Quick Learning & Adaptability

EXPERIENCE

Next Hub Technologies – Gen AI Intern | May 2025 – Jul 2025

- Worked on Generative AI tools and prompts to build simple automation tasks and AI-based content generation.
- Gained hands-on experience with LLMs,prompt engineering,and applying GenAI for real-world problem-solving.

1STOP – Artificial Intelligence | Feb 2024 – Jun 2024

- Built an image classification model using Python and machine learning libraries.
- Preprocessed images,trained the model,and evaluated accuracy to classify images into multiple categories.

Motion Cut – Web Development | Sep 2024 – Oct 2024

- Gained hands-on experience in HTM,CSS, JavaScript and other web technologies by contributing to real-world projects.
- Controlled with a team to develop well-structured websites,enhancing problem-solving and coding skills in a professional environment.

PROJECTS

Live Traffic Simulation

- Completed a live traffic simulation project using AI techniques to analyze and predict traffic patterns.
- Gained hands-on experience in data preprocessing,model building, and AI workflow implementation.

Image Classification Project

- Developed a machine learning model to classify images of pets vs dogs using Python and relevant libraries.
- Implemented data preprocessing, model training,and evaluation to achieve accurate classification results.

Gallery App

- Developed a gallery mobile app to efficiently store,view and manage images using python and react.
- Implemented features like image upload,categorization,and user-friendly interface enhancing practical programming and UI/UX skills.

Student Attendance Management System

- Developed a system where students can mark attendance,apply for leave, and request access permissions,which are then approved by respective teachers.
- Implemented features for streamlined record keeping,notifications,user-friendly interaction,enhancing practical coding and database management skills.

CERTIFICATIONS

- SQL – Preplnsta
- GenAI – NextHub Technologies
- Artificial Intelligence – 1STOP
- Data Visualization – TATA Forage
- IBM SkillsBuild – Python for Data Science Certificate
- Power BI Fundamentals – Microsoft Learn
- Bharatiya Antariksha Hackathon – ISRO

ACHIEVEMENTS

- **CHATGPT Training Session**
Conducted a training session for our junior students on chatgpt overview and its implementation.
- **Hackathon Winner**
Secured first prize in hackathon for “Hospital Management system”.
- **Served as Class Representative**
led student coordination, managed academic updates, and supported classroom administration.