

MOHAMMED SALMAN P

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[Linkedin](#) | [GitHub](#) | [Portfolio](#)

CAREER OBJECTIVE

Passionate AI/ML Engineer with a B.E. in CSE (AI & ML) and 1 year of experience developing intelligent systems at UNAI Tech. Skilled in NLP, computer vision, and predictive modeling, seeking to contribute to impactful AI solutions in a growth-focused company.

PROFESSIONAL EXPERIENCE

Project Coordinator, UNAI TECH

Feb 2023 - Present

- Developed AI-based projects and support learning and automation.
- Led end-to-end project development using Python, Streamlit, and ML libraries.
- Managed project teams, conducted AI workshops, and deployed real-time applications.
- Trained over 600 students via hands-on sessions on AI tools and concepts.

PROJECTS

Smart Waste Classification System (CNN + EfficientNet + Streamlit)

[Github Repository](#)

Developed a deep learning model using EfficientNetB0 to classify waste into hazardous, organic, and recyclable. Achieved 96% accuracy; deployed a real-time prediction interface using Streamlit.

Sign Language Recognition System (MediaPipe + CNN + OpenCV)

[Github Repository](#)

Built a real-time hand gesture recognition system using MediaPipe for hand landmarks and CNN for gesture classification. Achieved 100% accuracy on gestures A-Z with live webcam-based predictions.

Intelligent Resume Screening System (NLP + BERT)

[Github Repository](#)

Built a Streamlit web app that extracts text from PDFs and ranks resumes by matching job descriptions using BERT embeddings and keyword-based skill scoring. Simulates recruiter logic for accurate candidate-job matching.

AI Virtual Career Counselor (LLM + Skill Matching + Streamlit)

[Github Repository](#)

Designed a prototype career guidance system using LLM and skill-based matching to recommend suitable roles and learning paths.

EDUCATION

Bachelor of Engineering (B.E.) – CSE (Artificial Intelligence & Machine Learning)

Sep 2022 - Present

Gojan School of Business and Technology, Chennai

Higher Secondary Education

2020 - 2022

Dhanalakshmi Matriculation Higher Secondary School, Chennai

TECHNICAL SKILLS

- Programming:** Python, C (Basics)
- AI/ML Tools:** Scikit-learn, Pandas, Numpy, Matplotlib, Seaborn, SHAP, scikit-learn, Streamlit, OpenCV
- Frameworks & Libraries:** TensorFlow (Basic), OpenCV, MediaPipe, Streamlit
- Other Tools:** Git & GitHub, SQLite, Google Colab, Jupyter Notebook, REST APIs

SOFT SKILLS

Problem Solving | Public Speaking | Team Leadership | Communication | Time Management | Workshop Facilitation

ACHIEVEMENTS

- Student President for AIML & CSBS department
- Conducted 5+ AI workshops and 10+ webinars for student communities
- Project Coordinator and built a 600+ member AI learner base