

Sachin Mallah

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Objective

Motivated and detail-oriented Computer Science undergraduate specializing in Artificial Intelligence and Machine Learning. Proficient in Python, C, and JavaScript, with experience in full-stack web development using Node.js. Strong foundation in real-world AI/ML projects and web technologies. Seeking to contribute to innovative and research-driven projects in a collaborative environment.

Education

Nagindas Khandwala College, Mumbai, Maharashtra

Bachelor of Science in Computer Science (Specialization in AI & ML)

2023 – 2026

Relevant Coursework: Machine Learning, Deep Learning, Data Structures, Algorithms, Database Management

HSC Board, Mumbai, Maharashtra

Intermediate in Science

Passed: 2022

Internship Experience

Google AI & ML Virtual Internship – Eduskills

- Implemented machine learning models using TensorFlow and Python.
- Worked on real-world datasets, performing preprocessing, training, and model evaluation.

Altair Data Science Virtual Internship

- Conducted data cleaning, visualization, and feature engineering using Pandas and NumPy.
- Developed predictive models and assessed their performance using Scikit-learn.

Projects

Face Recognition System

Developed a Python application using OpenCV to detect and recognize faces through webcam input in real-time.

Hotel Management System

Created a comprehensive hotel booking and management system using Python and MySQL for handling reservations, billing, and guest information.

Weather Prediction Model

Trained a regression model using historical weather datasets to predict future weather conditions with Scikit-learn.

Jarvis AI Assistant

Designed a Python-based voice assistant to automate tasks such as opening applications, fetching information, and performing system commands.

Reddit Sentiment Analysis Application

Developed a full-stack sentiment analysis tool that scrapes Reddit comments, processes text data, and classifies sentiment using NLP and machine learning models. Deployed with a user-friendly Streamlit interface.

Data Analysis Dashboard

Analyzed and visualized large datasets using Pandas and Matplotlib to identify trends and insights.

Predictive Machine Learning Model

Built and validated classification and regression models achieving over 85% accuracy on real-world datasets.

Technical Skills

Programming Languages: Python, JavaScript, TypeScript, C, SQL

ML/AI Frameworks: TensorFlow, PyTorch, Scikit-learn, OpenCV, Pandas, NumPy, Matplotlib, Seaborn

AI & ML Techniques: Deep Learning (CNN, RNN, GAN), NLP, Probabilistic Models, Feature Engineering, Model Deployment, MLOps

Web Development: React, Next.js, Flask, FastAPI, Framer Motion, HTML, CSS

Tools & Platforms: Jupyter Notebooks, Git, GitHub, Docker, Visual Studio Code, AWS, GCP

Specializations: Machine Learning, Deep Learning, Computer Vision, Model Deployment, Data Visualization, Data Preprocessing, Model Evaluation, MLOps, Web App Development

Soft Skills

Team Collaboration, Problem Solving, Critical Thinking, Adaptability, Time Management, Attention to Detail, Self-Motivation, Project Management, Growth Mindset.

Certifications

- **Supervised Machine Learning: Regression & Classification** – DeepLearning.AI
- **Python Certification** – Hackerrank, 2024 • **SQL Certification** – Hackerrank, 2023

For a full list, please visit my portfolio website

Portfolio & Links

LinkedIn: linkedin.com/in/sachin-mallah-sm

GitHub: github.com/SachinMallah26

Portfolio Website : www.sachinmallah.site