

# Sachin Mallah

Mumbai, Maharashtra, 400034

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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-1b0a3527a](https://www.linkedin.com/in/sachin-mallah-1b0a3527a)

GitHub: [github.com/SachinMallah](https://github.com/SachinMallah)

Portfolio Website : [www.sachinmallah.site](http://www.sachinmallah.site)