Sanika Udaysinh Mohite

+91 9325761491 | [sanikamohite72@gmail.com](mailto:sanikamohite72@gmail.com) *|* [Linkedin/Sanika\_U\_Mohite](https://www.linkedin.com/in/akshata2005?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=ios_app) |GitHub

# OBJECTIVE

To utilize my technical expertise and problem-solving skills to create efficient software solutions while continuously learning and contributing to innovative projects

# SKILLS

## C, Java, Python, DSA, Web Technologies

* **Database-** SQL
* **Tools-** VS Code, Android Studio, Jupyter Notebook, Power BI.
* **Testing tools-** Selenium, Appium
* **Frameworks and libraries-** NumPy, Pandas, Bootstrap

# EDUCATION

**Annasaheb Dange College of Engineering and Technology, Ashta. CPI: 9.29 Bachelor’s in Artificial Intelligence And Data Science Engineering** *Aug 2023 – Jun 2026* Minor Degree in **Electrical Engineering** with specialization in Electric Vehicle

Honors Degree in **Cloud Computing**

## Government Polytechnic Karad 85.37 %

*Diploma in Computer Engineering Sep 2020 – Jun 2023*

## Brahmdas Vidyalaya Belawade Bk!! 95%

*SSC March 2020*

# WORK EXPERIENCE

**Web Developer Intern** July 2022 – Aug 2022

*Wolfox Services Pvt Ltd. Kolhapur*

* + Gained experience in **Frontend and Backend Development** with contribution to live projects.
  + Collaborated within a team environment, participated in project meetings.

**Machine Learning Intern** July 2024- Aug 2024

*iGap Technology Pvt Ltd. Kolhapur*

* + Gained experience in **Machine Learning Process** with contribution to live projects.
  + Worked on Web application using machine learning.

# PROJECTS

## Annual Salary Price Prediction Using Machine Learning

* + Annual Salary Price Prediction using Machine Learning involves analyzing various features like experience, education, and skills to estimate an individual's salary**.**
  + **Features-** Experience, Education Level, Job Role, Location, Industry, Skills, Certifications, Company Size, Previous Salary.
  + **Technologies-** Python, Scikit-Learn, Pandas, NumPy, Matplotlib, Seaborn.

## Dynamic Reconfiguration for battery pack cell balancing technique(Ongoing Project)

* + It is a hardware + software project which optimizes energy distribution among battery cells to enhance efficiency, lifespan, and performance.
  + **Software-** MATLAB/Simulink, Python, LTspice, PLECS, LabVIEW.
  + **Features-** Real-time cell monitoring, State-of-Charge (SOC) balancing, Fault detection, Energy efficiency optimization, Adaptive reconfiguration, Voltage and temperature regulation.

## Sponsored Project: AI-Driven Autonomous Weed Detection and Precision Pesticide Spraying with Integrated Farm Management System(Ongoing Project)

* + AI-Driven Autonomous Weed Detection and Precision Pesticide Spraying system leverages computer vision and AI to identify weeds and optimize pesticide usage, integrating with farm management for data-driven agriculture.
  + **Features-** AI-based Weed Detection, Precision Spraying, Autonomous Navigation, Farm Data Analytics, Remote Monitoring
  + **Technologies-** Python and micro Python, JavaScript, Embedded C, Robotics OS,
  + **Hardware-** Raspberry Pi, Cameras, Motors, Batteries, Spraying mechanism, Relay Module.

## Personalized AI Interview Simulator (Ongoing project)

## Personalized AI Interview Simulator uses AI and NLP to conduct interactive, job-specific interviews, providing real-time feedback and performance analysis.

## Sponsored Project: Website for Bullet Barbeque, Nipani. *|*

* Actively involved in the live project development during the internship at Wolfox Services.
* Build Website using Web technologies, Bootstrap framework as per **Client Requirements**.

# ACHIEVEMENTS & ACTIVITIES

* + Secured **2nd Rank** in Second Year of B.Tech (AI&DS) at ADCET Ashta.
  + Take a Leadership at Tafe’s Company Project.