

# SUMEDH DHANGAR

Murbad,Thane 421401

+91 7020998964 dhangarsumedh@gmail.com www.linkedin.com/in/sumedh-dhangar github.com/Sumedh2911

## Profile

Aspiring Data Analyst with a strong focus on SQL for data analysis and reporting. Skilled in Python, Tableau and Power BI, with hands-on experience in building dashboards and automation projects through real-world projects involving IoT. Familiar with data collection and processing using Pandas and NumPy.

## Education

**Jai hind college of engineering, Pune** Sep 2021-May 2025  
*B.E Artificial intelligence And Data Science* CGPA:7.71

**Vidya mandir high school and jr. College, Shivle** Mar-2021  
*HSC, Maharashtra State Board of Secondary and Higher Secondary Education, Maharashtra* Percentage: 76.83

**New English high school and jr. College, Murbad** Mar-2019  
*SSC, Maharashtra State Board of Secondary and Higher Secondary Education, Maharashtra* Percentage: 80.00

## Projects

**Industrial Technology 4.0 Based Robotic Arm:** Oct 2025

*Python, C++, PyCharm, Arduino IDE, ESP32, PCA9685, MediaPipe, Voice Recognition*

GitHub: Final-Year-Project

- Developed an AI + IoT robotic arm that responds to hand gestures and voice commands.
- Integrated PCA9685 and ESP32 for real-time wireless control of servos.
- Enabled Python-based gesture recognition using MediaPipe and voice automation.

**Smart IoT-Based Irrigation System:** 2023-2024

*Arduino Uno R3, C, Python, Blynk IoT, Soil Moisture Sensor, Water Pump*

GitHub: Smart-Irrigation-System

- Collected real-time soil moisture data and processed it using Python automation logic.
- Designed Blynk dashboard to monitor data and control water pumps remotely.
- Reduced water waste by optimizing pump logic using Python conditions.

## Technical Skills

- **Languages:** SQL, Python (with DSA), C/C++, HTML/CSS
- **Databases:** MySQL, MongoDB
- **Technologies/Frameworks:** Pandas, NumPy, Matplotlib, Seaborn, WordPress
- **Tools:** Tableau, Power BI, PyCharm, Excel, Visual Studio Code, Arduino IDE

## Experience

**Web Development Intern, Pro AZURE Software Solutions, Pune** Dec 2023 – Jan 2024

- Built and optimized static websites using HTML/CSS.
- Collaborated in full web development cycle and improved site responsiveness.
- Gained exposure to domain management and hosting platforms.

## Achievements / Competitions

Awarded Elite Medal in NPTEL "Python for Data Science" course Jul-Aug 2024

Selected among top teams for Anveshna 2025 – State-level Project Competition, Pune. Feb 2025

Present Project in National Conference JCON 2025 March 2025

Participated in Technospark 2025 – Cyber Conquest Hackathon March 2025

Python Libraries for Data Science April 2025

Machine Learning for Beginners April 2025

## Hobbies

Cycling, Bike Riding, Traveling, Volleyball, Badminton