OM SANJAY BAHIRAT
B.E. - Computer Science & Engineering
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Pune, Maharashtra, India - 411061

KEY EXPERTISE

PYTHON   DBMS   NOSQL   MYSQL   C++   Arduino UNO   DATA ANALYSIS   POWER BI
SELENIUM TESTING WITH PYTHON

EDUCATION

Sinhgad Institute of Technology & Science   2021 - 2025
B.E. - Computer Science & Engineering | CGPA: **8.38 / 10**

Pimpri Chinchwad polytechnic, Pune   2022
Diploma | Diploma - Computer Engineering | MSBTE | Percentage: **88.74 / 100**

Kendriya vidyalaya C.M.E, Pune   2019
10th | CBSE | Percentage: **82.40 / 100**

INTERNSHIPS

devskillhub training and consultancy | IT / ITES   18 Jan, 2024 - 18 Mar, 2024
intern

Key Skills: cloud computing

During my cloud computing internship, I learned the basics of cloud service models, major providers, virtualization, resource management, security practices, cost optimization, and automation tools.

kasnet technologies pvt. lmt. | IT / Computers - Software   02 Aug, 2022 - 04 Sep, 2022
Web Developer

Key Skills: Mysql database   html   CSS   php

It was a 1 month long remote internship providing us real time experience and knowledge in our sector and helped us to grow and learn more.css

PROJECTS

Retail Sales Data Analysis   01 Oct, 2024 - 01 Nov, 2024
Team Size: 1

Key Skills: Power Bi

The Retail Sales Data Analysis Dashboard project uses Power BI to visualize key metrics like total sales, revenue trends, product performance, and customer behavior. The interactive dashboard provides insights into top-selling products, regional sales distribution, and customer demographics, helping businesses optimize marketing strategies and inventory management based on data-driven decisions

Automatic drug dispenser   01 Oct, 2023 - 03 Dec, 2023
Mentor: No | **Team Size:** 5

Key Skills: arduino uno   c language   python   database   web development

Project Link: https://github.com/legend042004/Automatic-drug-dispenser

A Automatic drug dispenser which dispenses the Ayush medicines prescribed by doctor and encoded in an Qr code that is scanned by our drug dispenser and medicines are dispensed accordingly.

Prepaid electricity meter   01 Apr, 2022 - 01 May, 2022
Mentor: No | **Team Size:** 4

Key Skills: c language   arduino uno   electronics hardware knowledge

Project Link: https://github.com/legend042004/Prepaid-Electricity-Meter

The project introduces an automated prepaid energy metering system, enabling seamless online bill payments and efficient energy management. It incorporates a mechanism to automatically restrict energy usage if bills are unpaid, ensuring timely payments. This

smart solution enhances the convenience , promotes responsible energy use, and modernizes energy distribution for sustainability.

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PUBLICATIONS / RESEARCH / WHITE PAPERS

Medi-Cliq (Automatic Drug Dispenser)
25 Apr, 2025

Journal paper | International Journal of Advanced Research in Computer and Communication Engineering | **Mentor:** Prof. Rupali waghmode | **No. of Authors:** 4

Key Skills: Web development   python   neon db   ruby on rails   postgreSQL   Arduino

https://drive.google.com/file/d/19Qnd6fKkqQimo0oyEaORbyUrf9HOQnT8/view?usp=drive_link

Prepaid Energy Meter
04 Apr, 2022

Journal paper | international journal of advanced research in computer and communication engineering | **Mentor:** Prof. s.s.jogdand | **No. of Authors:** 4

Key Skills: Arduino,cpp,gsm,domain knowledge

https://drive.google.com/file/d/1tvYETMUevPABCQYTneUtJj4fNfmgNyWS/view?usp=drive_link

ACHIEVEMENTS

- 1st RANK IN FINAL YEAR DIPLOMA PROJECT AT PIMPRI CHINCHWAD POLYTECHNIC.
- DISTRICT LEVEL SELECTION AND PITCHING FOR MAHARASHTRA STATE INNOVATION AND CHALLENGE .
- 2nd RUNNER UP IN IDEAZ 2K24 HELD IN SITS , NARHE.

CO-CURRICULAR ACTIVITIES

- Organized and executed donation drive in pimpri Chinchwad polytechnic.
- Event management and organized intercollege competitions

PERSONAL DETAILS

Gender: Male
Marital Status: Single
Current Address: B2 shiv ganesh residency pimple gurav pune., Pune, Maharashtra, India - 411061
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Date of Birth: 04 Mar, 2004
Known Languages: English , hindi , marathi
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