

Smita Shinde

✉ smitash3011@gmail.com [in linkedin.com/in/smita-292363203](https://www.linkedin.com/in/smita-292363203)
🌐 <https://github.com/20BCS4643> 📞 +91 9146279084 📍 Solapur, Maharashtra, India

EDUCATION

- **Bachelor of Engineering (B.E) in Computer Science and Engineering (Hons.) Specializing in Internet of Things (IOT)**
Chandigarh University, Gharuan, Punjab 8.15 CGPA | (Aug '20 – Jun '24)
- **Intermediate (MSBSHSE)**
Sharadabai Pawar Mahila Mahavidyalaya, Baramati, Pune. (PCMB) 67.54% | 2019 - 2020
- **Matriculation (MSBSHSE)**
Nutan Marathi Madhyamik Vidyalaya, Mangalwedha, Solapur. 90.40% | 2017-2018

PROJECTS

- **Domain – Internet of Things | Smart Home Electrical System | Aug 23 – Nov 23**
(*Raspberry Pi, MQ2, PIR, DHT11, Python, Thinkspeak, IFTTT*)
 - Developed a Smart Home Electrical System using Raspberry Pi 3, PIR sensor, DHT11, and MQ2 gas sensor.
 - Automated lighting with a PIR sensor, triggered a buzzer for gas detection and activated a fan based on temperature.
 - Created a user-friendly MQTT dashboard for manual control and a mobile app for remote automation.
 - Implemented data transmission to ThingSpeak for real-time monitoring and tracking.
- **Domain – Machine Learning | Face Gender Detection**
(*Python, OpenCV, Machine Learning Algorithms, Flask, HTML CSS, and bootstrap*) | Feb – May 2023
 - Implemented a robust face recognition web app using Python, OpenCV, and Flask.
 - Employed Eigenfaces with PCA for dimensionality reduction and trained an SVM model for accurate face recognition. Created a user-friendly web interface with Flask, Jinja templates, HTML, CSS, and integrated a pipeline model for real-time face recognition.
- **Domain – Internet of Things | A Smart Fingerprint Biometric System for Authentication**
(*Raspberry Pi, R307 Fingerprint Sensor, Python*) Feb – May 23
 - Developed a secure biometric authentication system using Raspberry Pi and R307 fingerprint sensor for accurate user identification and preventing unauthorized access.
 - Leveraged Python programming to enable real-time recognition and authentication, while incorporating features like user management and logging to enhance functionality.
- **Domain – Internet of Things | Online E-Rickshaw Tracking System | Aug 2022 – Dec 2022**
(*Node MCU, IR Sensor, Google Firebase, MIT App Inventor, C++*)
 - Formulated an IoT-based system using GPS modules and Node MCU controller to provide real-time information on e-rickshaw location and seat availability.
 - Enabled users to easily determine electric rickshaw availability by checking occupancy status and optimizing fleet management and passenger transport services.
- **Summer Trainee | InternShala | June – July 2022**
 - During my 8-week Summer Industrial Training at Internshala as a Python programmer, I focused on: Built a comprehensive Python-based cricket fantasy game, featuring player selection, team management, live scores, and statistics

- **Domain – Blockchain | D – Drive | Feb 2022 – May 2022**

(ReactJS, Truffle, Ganache, Metamask, Solidity, Web3.js, IPFS)

- Designed a Decentralized Storage Space using block chain and IPFS protocol.
- The proposed system maximizes the data security by distrusting our data across the peer-to-peer network in a decentralized manner.

SKILLS

- **TECHNICAL COMPETENCIES**

- C++
- Java
- Python
- Data Structure and Algorithm.
- DBMS(Sql)
- Operating system

- **Employability SKILLS**

- Leadership
- Optimistic
- Bucking up
- Co-ordinating

- **TOOLS**

Arduino, AutoCAD, AWS (EC2), Git, Jupyter Lab, Linux, Raspberry Pi, ThinkSpeak IoT

LANGUAGES

- English
- Hindi
- Marathi

ACHIEVEMENTS

- Published Research Paper:
 1. DOI Link - <https://doi.org/10.22214/ijraset.2023.50478>
 2. DOI Link - <https://www.jetir.org/papers/JETIR2309425.pdf>
- 2nd Rank in Teckathon – an Internal Hackathon for SIH
- Innovation Café Hackathon (UNSTOP): Participation Certificate (organized by Hindustan Unilever Limited)

CERTIFICATES & AWARDS

- Analyttica : Fundamentals of Big Data And Analytics (Feb' 23)
- ABET Project Inspection Finalist (Dec 2022)
- Broad Infinity: Data Science (Aug 2022 - Oct 2022)
- NPTEL: Microprocessors & Controllers (Jan 2022 -Apr 2022)
- Hacker Rank: Python | SQL (2022 2021)
- Saylor Academy: C++ Programming | Computer architecture | Computer Networking