# Smita Shinde

✉ smitash3011@gmail.com   in 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                    8.12 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:
  DOI Link - https://doi.org/10.22214/ijraset.2023.50478
- 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