

Full Name

Embedded Systems Design Engineer | Embedded C | Python | AVR | Circuit Design
9967111302 • Vikhroli, Mumbai • [@gmail.com](#)

Profile Summary:

Embedded Systems Engineer with a strong foundation in Python, Embedded C, and expertise in AVR and ESP microcontrollers. Proficient in designing and implementing embedded software solutions, optimizing system performance, and troubleshooting hardware-software interactions. Adept at developing firmware for real-time applications, ensuring reliability and efficiency. Seeking to leverage my skills and experience to contribute to innovative projects in the field of Embedded Systems.

Core Technical Skills

- Embedded C, Python Programming
- PCB design (schematic to Gerber)
- Hardware interfacing with microcontrollers
- Development of IoT systems
- Hardware Design Knowledge
- Working on Communication protocols -I2C, UART SPI

Embedded System Projects:

Employee Attendance with Face Recognition

Developed a system for automated check in / Checkout with Face Recognition.

Tools: *Embedded C, AVR, UART*

Stock Price Prediction with RNN

Developed a LSTM Recurrent Neural Network Model for Stock Price Predictions.

Tools: *Embedded C, AVR, UART, Python*

Internship or Experience:

Designation – Data Science Intern- 09/2020 to 05/2021

Luna Web Design, Mumbai

- Cooperate with designers to create clean interfaces and simple, intuitive interactions and experiences.
- Develop project concepts and maintain optimal workflow.

Your Designation

July 2020- Present

XYZ| Location

Start every bullet point with an **action verb** only e.g. **Developed, managed**, etc. + Standout from the competition by showing the impact of your work and use **numbers and metrics** in your bullet points

Completed.....

Performed.....

Functional Skills:

- Embedded Software Development
- IoT Integration
- Communication Protocols
- Debugging and Testing
- Microcontroller/Microprocessor Expertise
- Hardware Interfacing

Education

Bachelor of Science: Computer Information Systems -
Mumbai University

2014

Certifications

Certification in Embedded System:

Coursework: Embedded C, Python Programming, AVR Microcontroller, IOT, ESP32, Thingspeak

Profile Links:

[Linkedin](#)

[Github](#)