

BRIEF SUMMARY

I have experience in PCB design and hardware implementation, with strong experience in planning and executing academic and technical projects and skilled in documentation, report writing, and effective teamwork. My goal is to build a career in electronics design, focusing on developing innovative hardware solutions and contributing to research and development in technology-driven projects.

KEY EXPERTISE

- PCB DESIGN, Hardware Implementation
- Planning and executing academic and technical projects
- Teamwork and collaboration on group projects
- Documentation and report writing

EDUCATION

MIT Academy of Engineering, Pune B.Tech. - Electronics Engineering CGPA: 7.38 / 10	2023 - 2027
Government Residential Women's Polytechnic, Latur Diploma - Electronics and Communication Engineering - Electronics and Communication Engineering (Full Time) Percentage : 77.88 / 100	2021 - 2024
Gov. residential womens polytechnic,latur, Latur Diploma Diploma - Electrical and Electronics Engineering - Electrical and Electronics Engineering MSBTE Percentage: 77.88 / 100	2024
Z.P.P High School, Sakol 10 th MSBSHSE Percentage: 85 / 100	2021

INTERNSHIPS

Amb's C-DSP Design Circuit Design & Testing Key Skills: <ul style="list-style-type: none">Simulation Tools: Proficiency in tools like MultisimDebugging & Troubleshooting: Identifying faults in PCB or breadboard prototypes and optimizing circuit performance.Analog , Dersign Circuit Design Circuit Design & Testing: Involves designing analog and digital circuits, creating PCB layouts, simulating circuits using tools like Proteus ,Multisim, and testing prototypes with instruments like oscilloscopes and multimeters to ensure optimal performance and reliability.	01 Jun, 2023 - 31 Jul, 2023
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PROJECTS

Wheather forecasting system Mentor: Pramod Jagtap Team Size: 4 Key Skills: Circuit design and connection Sensor interfacing (DHT11, BMP280) Data acquisition from sensors Gained hands-on experience in setting up IoT hardware by connecting sensors with NodeMCU, collecting real-time environmental data, and transmitting it to the Node-RED dashboard via MQTT. Learned circuit design, sensor interfacing, and device configuration for weather monitoring applications.	05 Sep, 2024 - 12 Jun, 2025
Thermal Gun using IOT Mentor: Mrs.Kavita Giri Team Size: 4 Key Skills: <ul style="list-style-type: none">IoT (Internet of Things) ImplementationSensor Interfacing Wireless Communication – Using Wi-Fi / Bluetooth for sending data to cloud or mobile applications.	19 Jun, 2023 - 25 Jan, 2024

Thermal Gun using IoT: Developed a contactless temperature monitoring system using MLX90614 sensor and Arduino, with real-time data sent to IoT platforms for monitoring and alerts. Skills involved include IoT integration, sensor interfacing, and data visualization.

SEMINARS / TRAININGS / WORKSHOPS

Entrepreneurship Bootcamp

11 Mar, 2024 - 13 Mar, 2024

Institute Name: Government Residential Women's Polytechnic, Latur

Key Skills:

Business Planning: Developing business models and plans

Marketing & Sales: Understanding target markets, customer acquisition, and promotion strategies

Leadership & Teamwork: Managing teams and collaborating effectively

Problem-Solving & Critical Thinking: Identifying opportunities and overcoming challenges

An Entrepreneurship Bootcamp is an intensive training program designed to equip participants with the knowledge, skills, and mindset required to start, manage, and grow a business. It usually covers idea generation, business planning, marketing strategies, financial management, and pitching to investors. Participants gain hands-on experience, mentorship, and exposure to real-world entrepreneurial challenges.

PCB Design and Manufacturing

15 Nov, 2022 - 17 Nov, 2022

Institute Name: SAITRONICS , KAMOTHE ,NAVI MUMBAI

Key Skills:

PCB Design Software: Eagle, Altium Designer, KiCAD, OrCAD Schematic Design: Translating circuit diagrams into PCB layout

CAD Skills: Precision in designing layouts and footprints

Simulation Tools: SPICE, Multisim (for testing circuits before manufacturing)

PCB (Printed Circuit Board) Design and Manufacturing involves creating the layout of electronic circuits on a board and producing the physical board used in electronic devices. It includes schematic design, component placement, routing of connections, and fabrication of the PCB. This process ensures compact, reliable, and efficient electronic circuits for devices ranging from small gadgets to complex systems.

EXTRA CURRICULAR ACTIVITIES

- Took part in Sports or Cultural Events (e.g., Cricket, Dance, Music)

PERSONAL INTERESTS / HOBBIES

- Reading books, Listening to music, Cooking or trying new recipes, building projects

IMs

- Other - .

PERSONAL DETAILS

Gender: Female

Marital Status: Single

Current Address: Pune ,Alandi (412105), Pune, Sakol, Maharashtra, India - 413544

Date of Birth: 19 Oct, 2005

Known Languages: Marathi,Hindi,English

Permanent Address: At.Post.Sakol, Sakol, Latur, Maharashtra, India - 413512

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