



BRIEF SUMMARY

Final-year B.Tech student skilled in Machine Learning, Python, Robotics, Power BI, Tableau, C, Data Science, AIML, Microsoft Excel, SQL, and Matlab. Proven project success in robotics, Power BI, Tableau, and machine learning. Seeking dynamic opportunities to apply expertise in a professional setting.

KEY EXPERTISE

Machine Learning Python Robotics Matlab Data Analytics SQL MS Office Advanced Excel Power Bi Tableau C
AIML

EDUCATION

MIT Academy of Engineering, Pune 2020 - 2024

B.Tech. - Electronics and Telecommunication Engineering | CGPA: 8.49 / 10

NES Science College, Nanded 2020

12th | MSBSHSE | Percentage: 75.38 / 100

Rajarshi Shahu Vidyalaya Vasant Nagar Nanded, Nanded 2018

10th | MSBSHSE | Percentage: 92 / 100

PROFESSIONAL EXPERIENCE

Aeron Systems Pvt Ltd | Aviation / Aerospace | Research And Development 12 Jun, 2023 - 12 Dec, 2023

Hardware Design Engineer

Key Skills:

PCB Design Schematic Design Altium Analog Electronics Embedded Systems Prototyping and Debugging Power Electronics

Completed internship at Aeron Systems Pvt. Ltd. as a Hardware Design Engineer, specializing in circuit design, simulation, and PCB design. Contributed to innovative solutions and gained hands-on experience in embedded hardware design.

INTERSHIPS

Celebal Technologies 03 Jun, 2023 - 03 Aug, 2023

Data Engineer

Key Skills: Python SQL Machine Learning Data Analysis ETL Linux

Inthink Technologies Pvt Limited. 01 Aug, 2022 - 30 Dec, 2022

Embedded Intern

Key Skills: Python Machine Learning Raspberry Pi Embedded Systems Artificial Intelligence Computer Vision

PROJECTS

Major project : Classroom Activity Detection using TinyML 01 Jan, 2023 - 30 Nov, 2023

Mentor: Mrs. Prabha Kasaliwal | **Team Size:** 4

Key Skills: Arduino Raspberry Pi Machine Learning Embedded Systems TinyML AIML

Minor Project: Line follower and obstacles Avoiding Bot 01 Sep, 2021 - 01 Aug, 2022

Mentor: Mr. Sandeep Shiravale | **Team Size:** 4

Key Skills: Arduino Python Robotics Embedded Systems Machine Learning

Human Fall Detection using HOG feature extraction and Adaptive Boosting technique

Mentor: Mrs. Diptee Ghusse | **Team Size:** 3

Key Skills: Machine Learning Computer Vision Image Processing Deep Learning Python Data Science

Project Link: <https://doi.org/10.1109/CCPIS59145.2023.10291838>

Face Detection Using Viola-Jones Algorithm.

Mentor: Mrs. Nutan Bansode | Team Size: 4

Key Skills: MATLAB Digital Signal Processing Image Processing Viola-Jones Algorithm Computer Vision

Implemented "Face Detection Using Viola-Jones Algorithm" in MATLAB, showcasing expertise in digital signal processing, image processing, and computer vision. Optimized algorithm performance and provided concise documentation.

Power BI-Driven Insights: Analyzing Employee Workplace Preferences

Key Skills: Power Bi Statistics Data Analysis & Visualisation

Power BI project analyzing real-time employee work preferences – home vs. office.

PUBLICATIONS / RESEARCH / WHITE PAPERS

Fall Detection Using HOG Feature Extraction and Adaptive Boosting Technique

28 Oct, 2023

Conference | IEEE | Mentor: DipTEE Chikmurge | No. of Authors: 5

Key Skills: Machine Learning Computer Vision Deep Learning Image Processing Statistics

Co-authored "Fall Detection Using HOG Feature Extraction and Adaptive Boosting." Expertise in machine learning and computer vision demonstrated for precise fall detection in healthcare technology.

ACHIEVEMENTS

- Robocon 2022 Air 10
- Mindspark 22 line following winner
- Techno-sci robowar first runner up

ASSESSMENTS / CERTIFICATIONS

Data science foundation certificate

Aggregate: 72 / 100

Subjects: Data science (72 / 100)

Key Skills: Data Science Python Data Analysis Linear Algebra Statistics

Business analytics using Power Bi and Tableau

Aggregate: 83 / 100

Subjects: Data Engineering (83 / 100)

Key Skills: Data Science Power BI Tableau Data Analytics

Project Management Fundamentals

Key Skills: Project Management

NPTEL Cloud Computing

Aggregate: 61 / 100

Key Skills: Cloud Computing Computer Networking

EXTRA CURRICULAR ACTIVITIES

- Electronics Lead at Invictus Robotics Club MITAOE.
- Volunteer in Equilibrium 2022(Robotics Club)

PERSONAL INTERESTS / HOBBIES

- Cricket
- Music
- Tv Series
- Robotics

PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: 606, Aksha Vasant Park, Alandi -moshi road, Pune, Pune City, Maharashtra, India - 412105

Emails: yogesh.jadhav@mitaoe.ac.in , yj43221@gmail.com

Date of Birth: 27 Jun, 2002

Known Languages: Marathi, Hindi, English

Permanent Address: Wangi, at post Wajegaon, tq, district, Nanded., Nanded, Maharashtra, India - 431605

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