

PRERNA CHAVAN

B.Tech || Electronics and Telecommunication Engineer

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PROFESSIONAL GOALS

To enhance my knowledge in data science, plan and configure efficient and secure solutions for complex business challenges.

EDUCATION

<u>MIT Academy of Engineering, Pune</u>	Electronics and Telecommunication Engineering - B.Tech	2021-2025	CGPA = 9.1/10
<u>Fergusson College, Pune</u>	Higher Secondary Education	2019 - 2021	Percentage = 85%

CORE COMPETENCIES

- ✓ Programming languages - Python, C, C++, SQL, Embedded C
- ✓ HTML, CSS, React, Node.js, Javascript
- ✓ OLAP Cube for data warehousing
- ✓ Data Science
- ✓ Agile leadership and scrum master
- ✓ Camera Vision (AI/ML)
- ✓ Data Analytics
- ✓ Tableau & Power BI for dashboard designing

WORK EXPERIENCE

Copper Cloud IoTech (2022-2024): My responsibilities were to actively participate in the project building and making efficient solutions for the given problem statement. Working on a industrial project under Copper Cloud IoTech and become more familiar with the industrial used technologies.

Mahindra International School Pune(2024): Worked as a Data Analyst.

RECENT PROJECTS

- Real Time Human Outline Detection using OpenCV with Aruco marker extension. (July - December 2022)
- Real time object detection using OpenCV. (December 2022 - May 2023)
- Co-ordinate Measurement Machine using OpenCV. (June 2023 - April 2024)
- Flight Fare Prediction for Enhanced Recommendations via ML Web Application. (October - May 2024)
- Sleep and Lifestyle Analysis of humans using ML. (June - September 2024)
- Obstacle Avoidance Robot using Ultrasonic Sensor. (March 2021 - May 2021)

KEY INTEREST AND SKILLS

- Data Science
- Machine Learning
- Deep Learning
- Data visualization
- Experienced with ETL tools - Alteryx
- Data cleaning - Excel
- Team management and leadership skills
- Communications and collaborative skills

CERTIFICATES

- Computer Vision - IBM
- Machine Learning Fundamentals - Alteryx
- Supervised Machine Learning- Regression & Classification - Coursera
- Advanced Google Analytics - Google
- Advanced Learning Algorithms - Coursera
- Databases and SQL for Data Science - Coursera

ACHIEVEMENTS

- Best paper winner for "Co-ordinate Measurement Machine using Camera Vision" at IEEE ESCI 2025 Conference
- Winner of Project to Product competition organized by ECELL- MITAOE - 2024
- Published a research paper on "Flight Fare Prediction for Enhanced Recommendations via ML Web Application" at a ICSCSS IEEE Conference - 2024