SOMYAN PRADHAN

Analytics Enthusiast | Data Science | Problem-Solving

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📍 Pune,Maharashtra

SUMMARY

Dynamic and extremely driven electronic and communication engineer with a love for web design and robotics. Looking for a chance to apply my technical know-how, aptitude for solving problems, and creative flare to support cutting-edge initiatives in the areas of automation, web development and electronic communication.

EXPERIENCE

Project Work 3
Quadruped Spider Robotic system

Project Work 2
IOT Based Smart Home Farm System

Project Work 1
CNC 2D plotter

MANAGEMENT

Student Coordinator for Project Expo
University of MIT ADT

📅 2024

Led as the **overall student coordinator** for Project Expo 2k24, a prestigious national-level exhibition and competition showcasing innovative projects.

- In addition to my role as student coordinator, I actively engaged with my project team in participating in project exhibitions.
- Led Mechanical, Civil, Aerospace, ECE, and ECO departments at MIT ADT University, along with esteemed universities, fostering excellence and collaboration.

Student Progress Manager in E-yantra(IIT Bombay)
University of MIT ADT

📅 2023

Managed a cohort of students engaged in a project-based learning program facilitated by IIT Bombay, overseeing their progress and participation.

- I successfully managed and monitored progress throughout a 15-day embedded robotics programming course, ensuring timely completion and achievement of objectives.

EDUCATION

Bachelor of Science in Electronic and Communication
University of MIT ADT

📍 Pune, Maharashtra

LANGUAGES

English
Advanced
●●●○○

Japanese
Beginner
●○○○○

Hindi
Proficient
●●●●○

Odia
Native
●●●●●

INTERESTS

Mad about Fundamentals
Like to RCA in every problem that I find intresting.

Video & Image Editing
Proficient in video and image editing, adept at creating captivating visuals using industry-standard software for diverse projects.

Video games
Passionate gamer adept at strategic thinking, teamwork, and problem-solving. Experienced in various gaming genres with a focus on continuous improvement.

Programming
Proficient in programming languages, adept at problem-solving, and passionate about creating innovative solutions for complex challenges.

KEY ACHIEVEMENTS

💎 **SIH Grand Finalist 2024 - Team Leader**

🏅 **First Place in Best Research Paper Presentaion**
Led a team to secure **1st Prize at the 6th National Conference** by presenting a research paper on Quadruped Robots.

🏅 **Best Research Paper Presentaion**
Led a team to secure **2nd Prize at the 5th National Conference** by presenting a research paper on IoT-Based Home Planting System.

🚩 **IEEE member and project certification(certified)**

🚩 **IETE certificate on smart IOT based home farm system.**

SKILLS

JavaScript | HTML | CSS | MySQL | C++
Python | OOP | DBMS | Bash | Linux
Design Patterns | Reverse Enginering(x64dbg)
Computer Network | Embedded C | Rasp-PI
Data Visualization | AUTOCAD | Fusion 360
3D-printing | Ki-CAD | Circuit Simulation
PCB-Designing | Worksheet planning (Excel)
MICROCHIP-Studio | Robotics and automation
MATLAB | MULTISIM | UltiMaker Cura

COURSES

Data Science using Python and Power BI
Certified in Data Science using Python and Power BI by Bhart Soft Solutions, skilled in harnessing these tools for impactful analytics.

Mathematics for Machine Learning: Linear Algebra (Imperial College London)
Mathematics for Machine Learning: Linear Algebra Imperial College London by Coursera

E-yantra IIT-Bombay: Embedded Systems and Robotics(Certified)

NSE 1 Network Security Associate
Enhanced information security awareness through training at FORTINET Institute, demonstrating a commitment to safeguarding digital assets and preventing cyber threats.

Information Security Awareness
Enhanced information security awareness through training at the FORTINET Institute, sharpening skills in safeguarding digital assets and preventing cyber threats.

Introduction to Python (Coursera)

Artificial Intelligence course (IIT Roorkee certified)
Participated and successfully completed the training program in Artificial Intelligence with Python.