

Piyush Kumar Pattnaik

I am a passionate learner with a deep interest in science and technology. I want to improve my skillset by continuously improving and gaining valuable experience. I am a practical person with a result-driven approach. I am a critical thinker and follow quick decision-making, which helps deliver efficient results.

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📞 9380067153

📅 12 October, 2002

EDUCATION

BMS Institute of Technology, Bengaluru

B.E. (Bachelor of Engineering), Electrical and Electronics Engineering

2020 - 2024

CGPA - 7.2/10

Alpine Public School, Bengaluru

CBSE Board

2018 - 2020

Percentage - 64.4%

Air Force School, Bengaluru

CBSE Board

2008 - 2018

Percentage - 75%

PROJECTS

Residential Water Leak Alert System (09/2023 - 12/2023)

- There has been wastage of water daily through the pipeline leakages due to which its full water will never arrive to the taps. I along with my team developed a real-time prototype to detect pipeline leakage and an SMS alert message will be sent to avoid leakage. We used this system to gather data and graphically prepare a complete analysis on the usage of water by using ThingSpeak server for a particular house.

EXPERIENCE

Research Intern

Aeronautical Development Establishment - DRDO

03/2024 - 04/2024

Bengaluru, Karnataka, India

SKILLS

Python

C++

C

Java

Javascript

Embedded C

R

Matlab & Simulink

CERTIFICATIONS

CS50P, Harvard University

Algorithmic Toolbox, UC San Diego

Data Structures, UC San Diego

Python for Data Science, AI & Development, IBM

Data Analysis with Python, IBM

Data Visualization with Python, IBM

Java Programming: Solving Problems with Software, Duke University

Foundational C#, Microsoft

Databases and SQL for Data Science with Python, IBM

MATLAB Onramp, Mathworks

Simulink Onramp, Mathworks

LANGUAGES

English

Native or Bilingual Proficiency

Hindi

Native or Bilingual Proficiency