PIYUSH GUPTA

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EDUCATION

JIS College of Engineering   Kalyani, India
B.Tech in Information Technology; GPA: 8.5   **October 2022 - Present**
Gyan Bharati School   Raniganj, India
12th Class (Senior School Certificate Examination); Percentage: 71%   **April 2020 - March 2021**
Eastern Railway High School   Asansol, India
10th Class (All India Senior School Examination); Percentage: 79%   **April 2018 - March 2019**

SKILLS SUMMARY

- **Languages**:   C, JAVA (OOPs, DSA), ABAP (SAP), Python, SQL, JavaScript, Machine Learning(overview).
- **Frameworks**:   ReactJS (Basics), ExpressJS (Basics), NodeJS (Basics).
- **Tools**:   IOT, Git, GitHub, MySQL, Excel, PowerPoint.
- **Platforms**:   Visual Studio Code, Intellij IDEA, Dev-C++, Google Collab, Arduino IDE, Jupyter Notebook, PyScripter.
- **Soft Skills**:   Problem Solving, Time Management, Communication, Teamwork.

WORK EXPERIENCE

Training on Full Stacks Development | Euphoria GenX | 27th Jan 25- 31th Jan 25
  ○ I have completed the training of 30 hrs on the subject Web Development and learned MERN stack to build projects.
Training on Python with Django | MTA Learning Pvt. Ltd. | LINK   15th July 24- 22nd July 24
  ○ I have secured 9.76 percentile while completing the industrial training course entitled as "Python with Django".
Training on IOT | Ardent Computech Pvt. Ltd. | LINK   11th Mar 24- 15th Mar 24
  ○ I have completed the training of 30 hrs on the subject Internet Of Things (IOT) and developed the project titled "Flood Monitoring System Using ThingSpeak".

PROJECTS

Smart Irrigation System (EcoIrrigate) | LINK   March 2025
  ○ This system fetches live weather data and prevents irrigation if rain is already on the way. No unnecessary watering, no wasted resources.
Fake News Detector (NewSPatroL) | LINK   March 2025
  ○ This project provides a real-time, AI-powered fact-checking solution that can be used by journalists, governments, and individuals to verify news before sharing.
Flood Monitoring System Using ThingSpeak | LINK   March 2024
  ○ The flood monitoring system employing Node MCU esp8266, IoT, LED, and ultrasonic sensor presents a robust solution for real-time flood detection and response.
  ○ The system can accurately measure water levels and provide timely alerts through visual indicators.
Enhanced Vertical Windmill System | November 2023
  ○ The Enhanced Vertical Windmill System (EVWS) project aims to develop a more efficient and reliable vertical axis wind turbine (VAWT) system.
  ○ This design improves upon traditional horizontal axis wind turbines (HAWTs) by addressing common issues such as noise, inefficiency in low wind conditions, and maintenance complexity.
Smart Blind Walking Stick Using Arduino| LINK   June 2023
  ○ The Smart Blind Stick aims to assist visually impaired individuals in navigating their surroundings safely and independently.
  ○ It detects obstacles using sensors and provide real-time alerts through vibration or sound.

CERTIFICATES

AI – ML Virtual Internship | CERTIFICATE   July - Sept 2024
  ○ I have successfully completed a 10 week AI – ML Virtual Internship by AICTE – Eduskills supported by Google for Developers.
Intelligent Automation Virtual Internship | CERTIFICATE   April - June 2024
  ○ I have successfully completed a 10 week Intelligent Automation Virtual Internship by AICTE – Eduskills supported by SS&C blueprism.
Cloud Virtual Internship | CERTIFICATE   Jan - March 2024
  ○ I have successfully completed a 10 week Cloud Virtual Internship by AICTE – Eduskills supported by AWS Academy.
Cybersecurity Virtual Internship | CERTIFICATE   Sept - Nov 2023
  ○ I have successfully completed a 10 week Cybersecurity Virtual Internship by AICTE – Eduskills supported by PaloAlto Networks.