

Abhishek Kumar Vishwakarma

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Professional Summary

Motivated B.Tech Computer Science student with expertise in Python, Java, C, Data Analytics, and Web Development. Skilled in Predictive Analytics using IBM SPSS Modeler and Watson Studio. Hands-on experience in IoT-based projects and integrating machine learning models with web applications. Seeking opportunities to apply analytical and technical skills in a professional setting.

Education

- **B.Tech in Computer Science Engineering**
Shri Ramswaroop Memorial University, Barabanki, Uttar Pradesh
CGPA: 7.72 | Expected Graduation: 2027
- **12th (Intermediate)**
Wisdom Way Progressive Inter College, UP Board
Percentage: 77%
- **10th (High School)**
Wisdom Way Progressive Inter College, UP Board
Percentage: 83.3%

Technical Skills

- **Languages:** Python, Java, C
- **Web Development:** HTML, CSS, JavaScript, Tailwind CSS
- **Data Analytics Tools:** Pandas, Matplotlib, IBM Cognos, MS Excel
- **Predictive Analytics Tools:** IBM SPSS Modeler, IBM Watson Studio
- **IoT Development:** ESP32, Sensors, OLED Displays
- **Version Control:** Git, GitHub

Academic Projects

Mindlytics – Mental Health Predictive Web App

- Built predictive models using IBM SPSS Modeler, deployed via IBM Watson Studio APIs, Integrated backend APIs with a Flask-based frontend.

Self-made Projects

Ultra gauge – Smart Distance Measuring System

- IoT project with ESP32 and HC-SR04 sensor for real-time monitoring.
- OLED display integration showing animated graphics and real-time data.

Fire Thermomist – Fire Detection System

- Designed using ESP32, DHT22 sensor, flame sensor, OLED-based visual alerts.
- Implemented PROGMEM animations for fire detection feedback.