Arya Bardhan Singh Chauhan

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# SUMMARY

AI/ML and web development enthusiast with hands-on experience in Python, JavaScript, and full-stack projects. Skilled in building data-driven applications, event management. Passionate about leveraging AI to solve real-world problems.

# TECHNICAL SKILLS

**Programming Languages:** Python, C++, Java, JavaScript, HTML/CSS  
**Tools & Platforms:** PyCharm, Jupyter Notebook, VS Code, IntelliJ IDEA, Git **Frameworks/Libraries:** OpenWeatherMap API, Pandas, NumPy (based on projects)  
**Soft Skills**: Event Management, Team Leadership, Problem-Solving

# PROJECTS

# Bachat Bazar – Product Comparison Platform Python | JavaScript | Web Development

# Developed a web platform for real-time product comparisons, reducing information overload by 40%.

# Integrated price tracking, feature-based analysis, and fake review detection.

# Designed an intuitive UI with seamless navigation.

# Weather Website – Real-Time Forecasting JavaScript | API Integration | UI Design

# Built a weather app using OpenWeatherMap API to fetch dynamic data (temperature, conditions, icons).

# Implemented city-based search and responsive glass morphism UI for mobile/desktop.

# Signature Detection Website JavaScript | Image Processing

# Created a tool to verify genuine/forged signatures via image uploads.

# Designed a neon-themed UI with animations and file validation.

# EXPERIENCE

Core Member & PR Lead | The EV Club | VIT Bhopal

Managed IoT focused events, boosting club engagement by 30%.

# EDUCATION

**VIT Bhopal University** Bhopal, MP

## B. Tech in Computer Science Sep 2023– May 2027

**St. Mary’s School** Mainpuri, UP

*Intermediate and High school 2027(Intermediate), 2023(High School)*

# CERTIFICATIONS

* **Programming with JavaScript** – Meta (Coursera) | Mar 2025
* **Introduction to AI** – IBM (Coursera) | Dec 2024
* **Hacker Rank**: Python (Basic), Java (Basic), Problem Solving