Piyush Baweja

Technology Enthusiast | AI Innovator | Web Developer

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SUMMARY:

Innovative technology enthusiast with expertise in AI, web development, and problem-solving. Skilled in designing and implementing creative solutions for diverse applications, from AI-powered applications to full-stack web projects. Passionate about building impactful technologies and exploring new AI applications to address real-world challenges.

PROFESSIONAL SKILLS:

Languages:
Python, JavaScript, C++, HTML, CSS

Frameworks & Tools:
React, Streamlit, Git, Visual Studio

AI & ML:
OpenAI, Cohere API, Responsible AI practices

Web Development:
Full-stack development, GitHub Pages deployment, custom UI/UX design

PROFESSIONAL EXPIERENCE:

IOSC Member
Participated in outreach and educational events to foster technology interest and skill-building among newcomers, promoting best practices in Python and AI.

EDUCATION & CERTIFICATES:

Micro-Courses (AI Global Impact Festival):
- Introduction to AI
- Generative AI
- Responsible AI
- AI in sports and space

Student at Bharati Vidyapeeth College Of Engineering (2024-2028)

Student at DPS RK Puram (2022-2024)

KEY PROJECTS:

Loan Approval Predictor (Streamlit App):
Built an interactive loan approval predictor, incorporating AI-powered suggestions for rejected applications. Enhanced user experience by implementing intuitive designs, rounded logo elements, and personalized recommendations through Cohere and OpenAI API integration.

NFT-Based Event Ticketing System:
Developed a decentralized ticketing solution using smart contracts to prevent bulk buying, enhance distribution fairness, and maintain user privacy. Introduced staggered sales, on-chain behavioral monitoring, and anti-bot mechanisms for an inclusive event experience.

Solar Port - IoT-Based Energy Monitoring and Trading System:
Conceptualized an IoT-integrated system for solar paint energy monitoring and trading, utilizing AI forecasting, blockchain micro-trading, and environmental tracking for scalable renewable energy solutions.

DevXplore (Website):
Launched a website showcasing Chrome extensions, focused on unique user experiences without traditional ratings, and created custom designs using HTML, CSS, and JavaScript for an engaging UI.

Vcare.com (Media Literacy Platform):
Designed and implemented Vcare.com, a media literacy platform that educates users on different media types. Built as a full-stack project, hosted on GitHub Pages.

INTERESTS:

Startups & Innovation:
Aspiring to launch a technology-focused startup

Future Directions:
Advancing AI applications in social good, exploring decentralized tech solutions, and refining user-centric digital experiences.