Preeti Patidar

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Education

VIT Bhopal University, Bhopal, Madhya Pradesh
BTech in Computer Science and Engineering (Expected May 2026)
CGPA: 8.89/10

Skills

Programming Languages: C, C++, Python, JavaScript, SQL, HTML, CSS
Web Development: Next.js, Node.js, Express.js, Redux
Databases: MongoDB, SQL
Machine Learning & AI: Proficient in ML algorithms, deep learning, and data processing techniques

Experience

SampurnaBharat – Web Developer Intern **(Feb 2025 – Present)**

– Enhanced functionality and features of the e-commerce website, resulting in a 25% improvement in user experience metrics such as engagement and bounce rates.
– Collaborated with the development team to optimize website performance, leading to a 20% reduction in page load times and improved overall site speed.
– Actively participated in project tasks, applying web development skills to implement new features and improve existing ones, contributing to a 30% increase in site traffic.
– Adhered to company procedures and ethical standards in completing tasks, ensuring project milestones were met within deadlines and maintaining high code quality.

Projects

Intelligent Mental Health Support Platform **(Jan 2024 – Jun 2024)**

– Developed an AI-powered platform for mental health support, utilizing facial recognition and an AI chatbot to detect emotional cues and deliver personalized interventions, increasing user engagement by 30%.
– Conducted an in-depth analysis of 90+ research papers to integrate best practices and ensure clinical compliance with evidence-based datasets.
– Leveraged generative AI and AWS Lambda functions, improving system accuracy by 25% in providing tailored mental health solutions.

AI Drawer – Integrated AI Platform **(Jan 2024 – Jun 2024)**

– Integrated APIs from Gemini, Perplexity, and DALL-E into a unified platform, boosting query processing efficiency by 40%.
– Utilized a large dataset of 6,000+ entries to enhance AI model precision across diverse tasks, increasing task accuracy by 35%.
– Optimized the platform's user interface design and streamlined processes, improving overall user satisfaction by 20%.

Bitebook – Digital Food Ordering System **(Jul 2023 – Nov 2023)**

– Developed a custom online food ordering platform for the college canteen, enabling students to pre-order food and schedule delivery times, reducing congestion during peak hours by 50%.
– Created an adaptive scheduling system based on order volume, decreasing customer complaints by 50% and improving service delivery times.
– Integrated real-time order tracking and secure payment gateways, increasing customer satisfaction by 40% through timely and secure order fulfillment.

Extracurricular Activities

E-CELL VIT Bhopal – Content Team Member **(Sept 2023 – Present)**

– Developed engaging video scripts and event content to promote digital engagement across platforms.
– Managed the WhatsApp community, ensuring active participation and consistent interaction.
– Implemented promotional strategies to drive event visibility and enhance audience interaction.

Certifications

- NPTEL - Cloud Computing
- Coursera - The Bits and Bytes
- Vityarthi - Python Essentials
- Kaggle - Data Visualizations