Kriti Porwal

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EDUCATION

- **VIT Bhopal University, Bhopal** September 2022 - May 2026
  Bachelor of Technology in Computer Science | CGPA: 8.83
- **Heritage International School, Kanpur** May 2022
  Higher Secondary Certificate (CBSE Board) | Percentage: 82.60%
- **Shri Ram Public School, Kanpur** May 2020
  Secondary School Certificate (CBSE Board) | Percentage: 94.50%

TECHNICAL SKILLS

Languages: JavaScript, Python, Java, SQL
Web Development: React.js, Tailwind CSS, JavaScript, HTML5, CSS3, REST APIs
Dev Tools & Version Control: Git, Docker, Visual Studio Code, Postman, GitHub
Data Science & Visualization: Pandas, NumPy, Matplotlib, TensorFlow, Scikit-learn
CS Fundamentals: OOP, Operating Systems, DBMS, Computer Networks

EXPERIENCE

AI Intern – Edunet Foundation (AICTE, Microsoft & SAP), Remote January 2025 – February 2025
- Spearheaded the implementation of AI workflows on ComfyUI, cutting down workflow completion times by at least 3 hours per week with a refined image processing pipeline that improved image quality.
- Revamped image processing workflows, enabling seamless stability improvements and producing ~2,500 images weekly with consistent quality.

PROJECTS

MindfulChat – Mental Health Chatbot| GitHub
Tech: HuggingFace Transformers, PyTorch, Flask, Google Gemini API, Node.js, Express, MongoDB July 2025
- Designed and deployed a full-stack chatbot using BERT sentiment analysis and Google Gemini AI, tested with over 300 user interactions to deliver empathetic, context-aware responses.
- Implemented crisis keyword detection with automated helpline suggestions, improving reliability during 50+ simulated high-risk conversations.
- Built a secure Node.js and MongoDB backend with JWT authentication and an admin panel to manage 100+ test users, chat histories, and sentiment tracking effectively.

PhonePe Pulse – Data Visualization & Exploration| Github
Tech: Python, Pandas, MySQL, Streamlit, Plotly, JSON, Git September 2025
- Processed and transformed more than 2,000 crore transactions from the PhonePe Pulse API into structured DataFrames and inserted them into MySQL for fast retrieval.
- Designed and deployed an interactive Streamlit dashboard with Plotly visualizations enabling analysis of 45% of India's UPI transactions across 35+ states and UTs by year, quarter, and transaction type.
- Upgraded the complete ETL workflow from JSON extraction to visualization, which improved data handling efficiency by 70% and enhanced real-time insight generation.

CERTIFICATIONS

- **Oracle Cloud Infrastructure 2025 Certified Data Science Professional**
- **Oracle Cloud Infrastructure 2025 Generative AI Professional**
- **IBM Blockchain Developer** - Earned Blockchain Developer certification from IBM Career Education Program
- **Google Data Analytics Professional Certificate(Coursera)** - gained proficiency in SQL, R, Tableau, and data visualization

ACHIEVEMENTS

- **Won First Place in Urja Shakti Write-up Competition (UG Category)** by developing 7 presentation slides and presenting to 3 senior panelists, earning Rs. 30,000 prize money
- **National Semi-Finalist in Flipkart GRiD 7.0** by advancing to top 48 among 1.4+ lakh participants in India's flagship engineering campus challenge

EXTRACURRICULAR ACTIVITIES

Core Member, Data Science Club
- Leveraged machine learning techniques to analyze customer churn data, identifying key predictors and developing targeted strategies decreased churn rate by 15% within six months.

Core Member, Software Development Club
- Led cross-functional teams building innovative web applications, mentored 50+ junior developers, and architected scalable solutions, increasing project efficiency by 40%.