

# KRITI PORWAL

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Kanpur, Uttar Pradesh

## EDUCATION

- Vellore Institute of Technology, Bhopal** September 2022 - May 2026  
Bachelor of Technology, Computer Science and Engineering | CGPA: 8.85

## CORE SKILLS

**Data & Analytics:** SQL, Excel, Google Sheets, Mixpanel (basic), Google Analytics

**Technical:** REST APIs, MongoDB, MySQL, HTML, JavaScript, React

**Tools & Design:** Excel, Google Sheets, Google Workspace, Canva, Figma, Jira

## PROJECTS

### RaktConnect - Blood Donation Management System | [GitHub Link](#) November 2025

- Spearheaded backend APIs using Node.js and Express to streamline user login, blood requests, and hospital inventories, while reducing blood request processing time by 15% through automation.
- Developed 15 REST API endpoints integrated with MongoDB, facilitating secure user authentication, efficient blood requests, and real-time hospital inventory tracking functionality.
- Fortified the blood donation management system by implementing encryption at rest and in transit, and securely storing over 500 patient and donor records.

### EventPro - Event Management & Ticket Booking Platform | [GitHub Link](#) July 2025

- Designed and implemented a centralized event platform, reducing average user search time by 30% through optimized search algorithms, and increasing event discovery efficiency for users.
- Created intuitive event browsing and ticket booking interfaces using React, emphasizing clear navigation and user-friendly design, resulting in a 20% decrease in user drop-off during the booking process.
- Reorganized and maintained MongoDB collections for users, events, and bookings, which optimized data storage and retrieval speeds by 25%, improving event browsing for faster user experiences.

## EXPERIENCE

### AI Intern - TechSaksham (Microsoft & SAP Joint CSR) 11 January 2025 – 28 February 2025

- Supported leadership-facing AI initiatives by cleaning, structuring, and validating datasets used for educational content generation, contributing to the program's most reliable models.
- Conducted secondary market and industry research on AI education platforms, synthesizing insights into structured summaries to support internal decision-making.
- Translated open-ended real-world problem statements into structured solutions through coordination with mentors and cross-functional stakeholders.
- Prepared presentation-ready summaries and documentation using PowerPoint and Google Sheets to support mentor and leadership discussions.

## CERTIFICATIONS

- Oracle Cloud Infrastructure 2025 Generative AI Professional**
- Oracle Cloud Infrastructure 2025 Data Science Professional**
- McKinsey Forward Program**

## ACHIEVEMENTS

- 1st Prize (UG) - Urja Shakti Write-Up Competition:** Authored a **7-page technical paper** on leveraging **AI, ML, and IoT** for **digital transformation** in petroleum engineering.
- National Semi-Finalist in Flipkart GRiD 7.0** by advancing to the top 48 among 140000 participants in India's flagship engineering campus challenge

## EXTRACURRICULAR ACTIVITIES

### Event Management Lead, Data Science Club January 2024 – July 2025

- Supported **operations and event management**, helping organize **technical events and hackathons** and ensuring smooth execution.

### Team Lead, Software Development Club January 2023 – December 2023

- Led cross-functional teams building innovative web applications, mentored 50 junior developers, and architected scalable solutions, increasing participation rate by 40%.