JANAV DUA

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EDUCATION

Shri Ramdeobaba College of Engineering & Management   Nagpur, Maharashtra
B.Tech, Computer Science & Engineering | CGPA: 7.98   Aug 2022 – Jun 2026

WORK EXPERIENCE

CUBE (Techture)   Gurugram - Nagpur (Hybrid)
Software Engineering Intern   Jun 2025 – Aug 2025

- Designed and implemented over 15 responsive, modular, and functional components using React and SQL on Replit, accelerating rapid prototyping and streamlining feature delivery for the core business platform **CDBE**.
- Created reusable UI components with Tailwind CSS, cutting frontend development time by 30% and enabling faster, more efficient collaboration between design and engineering teams.

Persistent Systems   Pune - Nagpur (Remote)
Engineering Apprentice   Jul 2024 – Sep 2024

- Developed an AI-based interview preparation tool with rapid feedback upon Next.js, Gemini LLM and backed by a SQL database, leading to a 30% improvement in user engagement and readiness among fresh graduates.
- Successfully shipped the project assignment & MVP **PrepAI**, an AI-based interview preparation tool, later acquired and integrated by the startup 'SmartHire', reaching 50+ early users within the first month post-deployment.
- Gained hands-on experience in managing and deploying cloud infrastructure using AWS, leading to a 15% improvement in microservice deployment efficiency and a 10% reduction in downtime.

Vector.ai (Parkar Digital)   Pune, Maharashtra
DevOps Engineering Intern   Jun 2024 – Jul 2024

- Streamlined CI/CD pipelines and optimized DevOps workflows across AWS and GCP, resulting in a 25% reduction in deployment failures and a 10% improvement in release cycle time.
- Collaborated with development and POC teams to implement AIOps monitoring solutions using Zabbix and Grafana, enhancing system observability and contributing to a 25% faster incident detection and resolution rate.

POSITIONS OF RESPONSIBILITY

Students' Representative Council, RBU   Nagpur, Maharashtra
General Secretary   Jul 2025 - Present
Students' Representative Council, RBU   Nagpur, Maharashtra
Technical Incharge   Sep 2024 – Jul 2025

- Streamlined event operations with Google Workspace, Microsoft Office, Python scripts, and Next.js apps boosting task efficiency by 40%. Led development of **Pratishruti 2025** website, drawing 5,000+ unique visitors and 20,000+ views.

PROJECTS

TradiX.AI : Stock Price Prediction Web App   **[Live Demo]** | **[GitHub]**
Tech Stack | Next.js, Python, LLM, Machine Learning

- Built a real-time stock prediction platform using Next.js and Python, integrating live market data, ML models, and Gemini LLM to generate investor-grade reports combining news, price action, and macro trends.

FIFA Analyzer : Comprehensive Player & Team Analysis   **[Live Demo]** | **[GitHub]**
Tech Stack | Streamlit, Python, LLM, Data Analysis

- Developed an AI-driven FIFA auction tool for real-time tactical analysis from Excel squads, along with a Firebase + Next.js-based Twitter MVP for delegates: **Feed!** Developed 5+ features like role balance, synergy/conflict checks, and transfer fit using rule-based logic and LLM insights.

F1 Race Simulator   **[Google Sheet]** | **[GitHub]**
Tech Stack | Python, Data Analysis, Excel

- Built a modular F1 race simulation engine using Monte Carlo methods, modeling drivers, teams, circuits, and dynamic weather. Simulates tire wear, pit strategies, overtakes, and safety cars to generate performance stats and position probabilities over races.

SKILLS

Technical Skills: Next.js, React, Python, Machine Learning, AI, Data Analytics, SQL, NoSQL, AWS, GCP, Linux, DevOps
Tools: PowerBI, Figma, Google Workspace, Microsoft Office Suite, Adobe Creative Suite, Canva
Soft Skills: Communication, Leadership, Teamwork, Event Management, Anchoring, Scriptwriting, Adaptability
Certifications: OCI Certified Generative AI Professional, OCI Certified DevOps Professional, OCI Certified Data Science Professional, OCI Certified Foundations Associate, OCI Certified AI Foundations Associate, Google IT Automation with Python