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
Coursework: Cloud Computing, DBMS, OS, CN, Software Engineering, Machine Learning, Artificial Intelligence

WORK EXPERIENCE

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

- Developed 15+ responsive, modular & functional components for the upcoming update using React and SQL Database on Replit for rapid prototyping and streamlined feature management for the core business platform **CDBE**.
- Built reusable UI components using Tailwind CSS, reducing frontend development time by 30% and enabling faster handoff 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 my project assignment & MVP **PrepAI**, an AI-based interview preparation tool, which was 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
Technical Incharge   Sep 2024 – Present

- Developed and deployed digital solutions using Google Workspace & Microsoft Office Suite, web applications using Next.js, and Python automation scripts streamlining event operations and improving pre/post-event task efficiency by 40%.
- Led the development of the official website for Central India's Largest Cultural Fest, **Pratishruti 2025**, built over Next.js, attracting 5,000+ unique visitors and over 20,000 total views.

PROJECTS

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

- Built an end-to-end real-time stock prediction platform using Next.js and Python, integrating LLM-powered analysis, live market data along with news, and ML models.
- Integrated Gemini LLM to generate alpha-grade investor reports combining news, price action, and macro trends for rapid analysis.

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

- Developed an AI-powered scouting and team-building tool for FIFA auctions, enabling real-time tactical analysis from pasted Excel squads. Combined with this built a Firebase and Next.js based real-time Twitter MVP for the delegates:- **Feed!**
- Engineered 5+ core features including role balance visualization, synergy/conflict detection, and transfer fit ratings using rule-based logic and LLM-driven insight generation.

SKILLS

Technical Skills: Next.js, React, Python, Machine Learning, AI, Data Analytics, Firebase, MongoDB, PostgreSQL, AWS, GCP, Prometheus, Grafana, Zabbix, Linux, DevOps, Ethical Hacking
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 Foundations Associate, OCI Certified AI Foundations Associate, IBM: Introduction to Cloud Computing, Google IT Automation with Python, Cisco Networking Basics, LFS101x : Introduction to Linux