DHRUVAL PADIA

Hyderabad, India

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Professional Summary

Curious and impact-focused Computer Science undergraduate with a passion for building clean, efficient systems that solve real problems. Experienced working across the stack, having shipped tools, full-fledged platforms, products and websites actively used by people. Dedicated to writing solid code, collaborating with great teams, and building solutions that make sense.

Education

Woxsen University   **Hyderabad, India**
Bachelor of Technology - Computer Science and Engineering — CGPA: 3.3/4.0   *Expected 2026*

Experience

R&D Intern   **March 2025 – May 2025**
Placera — Startup   *Remote*

- Conducted feasibility analysis for HR technology solutions aimed at solving India's hiring challenges
- Evaluated technical feasibility, market viability, and implementation strategies for innovative HR tools
- Performed comprehensive research on emerging technologies to determine optimal development approaches

Vice President   **June 2024 – Present**
Code{X} - The Programming Club — Woxsen University   *Hyderabad, India*

- Managed multiple high-impact projects and coordinated cross-functional teams to deliver innovative solutions
- Organized workshops, hackathons, and coding competitions, increasing club participation
- Led strategic initiatives to enhance collaborative development environments and mentor junior developers

Projects

GitChat | *Python, LangChain, LLaMA3, GitHub API*

- Developed semantic codebase explorer enabling natural language search and previews for efficient large repository handling

meetScribe | *Python, AI/ML, NLP, Speech Processing*

- Built comprehensive AI meeting assistant featuring real-time transcription, summarization, and speaker tracking

GeoAI | *Python, TensorFlow, U-Net, Computer Vision*

- Engineered satellite imagery segmentation system using U-Net architecture for environmental monitoring

EventNet | *Node.js, MongoDB, LinkedIn API, OAuth*

- Developed secure event networking platform with LinkedIn integration and robust MongoDB-based authentication

SOT Website | *React, Django, REST APIs, PostgreSQL*

- Built full-stack university website with responsive design and real-time data integration via REST APIs

University Event Website | *React, Node.js, Express, MongoDB*

- Architected scalable event management system handling 700+ registrations with secure authentication

Technical Skills

Programming Languages: Python, JavaScript, Java, Bash
Web Technologies: React, Node.js, Express.js, Django, Flask, HTML/CSS
Databases & Cloud: MongoDB, PostgreSQL, DBMS, AWS
Tools & Technologies: Git/GitHub, Linux, VS Code, REST APIs
Specialized Skills: Machine Learning, Computer Vision, NLP, AI/ML Frameworks
Soft Skills: Leadership, Communication, Project Management, Team Coordination

Accomplishments

1st Runner-Up, Innoverse-12: Won 15,000 for developing comprehensive meeting assistant with advanced AI features

3rd Prize, FuelEd Contest: Developed full-stack platform for US property ownership analysis using React, Node.js, and MongoDB