

Ved Patel

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Education

Gujarat Technological University <i>B.Tech in Computer Science and Engineering</i> CGPA: 9.44 / 10	<i>Sept 2022 – June 2026 — Ahmedabad</i>
12th CBSE <i>Anand Niketan School, Bhadaj</i> 81%	<i>2021 – 2022 — Ahmedabad</i>
10th CBSE <i>Anand Niketan School, Bhadaj</i> 92%	<i>2019 – 2020 — Ahmedabad</i>

Professional Experience

Software Development Intern — Regenwave	<i>May 2024 – Dec 2024 — Ahmedabad</i>
- Developed cloud-integrated software solutions using RESTful APIs for real-time IoT data handling by 20%. - Designed React.js/Node.js dashboards for live visualization and alerting of sensor anomalies. - Engineered and deployed ML-based anomaly detection pipeline, improving device monitoring and reducing false positives. - Worked in Agile/Scrum environment, used Git + GitHub Actions (CI/CD) for API integration, and code reviews.	
AI/ML Virtual Internship — IBM SkillsBuild by CSRBOX	<i>Jan 2024 – Feb 2024 — Remote</i>
- Built and deployed a dairy analytics web app using Python, ML models, and React. - Designed interactive dashboards for insight into dairy sales, production and customer behavior. Improved accuracy of dairy sales forecast by 15% over baseline. Live Project	

Projects

ScholarSynth: Arxiv Research Summarizer <i>Python, AutoGen, Groq API, Streamlit</i>	<i>Jul 2024</i>
- Built multi-agent pipeline to extract metadata, generate concise summaries, and cluster related works. - Deployed on Streamlit for fast paper search and preview [Live Demo].	
Voyagecraft: AI Trip Itinerary Planner <i>Python, LangChain, React, Vercel, Groq API, Git</i>	<i>Jul 2024</i>
- Generated personalized itineraries with LangChain, reducing planning time by 70%. - Full-stack integration and deployment on Vercel [Live Demo].	
Chicken Disease Classification <i>Python, Keras, TensorFlow, CNN</i>	<i>Dec 2024</i>
- Designed end-to-end image classification pipeline with augmentation; achieved 98.6% accuracy. - Released preprocessing and training pipeline for reproducibility [GitHub Repo].	

Technical Skills

Languages	Python, Java, C, JavaScript, SQL
Web & Cloud	React.js, Node.js, RESTful APIs, Docker, Vercel, GitHub Actions (CI/CD)
Testing & Tools	Unit Testing, Postman, Git, GitHub, Arduino
ML/DL Frameworks	TensorFlow, Keras, Scikit-learn, NumPy, Pandas
Core CS Concepts	OOP, Data Structures, DBMS, OS, Cryptography, Agile

Achievements, Certifications & Publications

- Certified — *Oracle Cloud Infrastructure 2025 Generative AI Professional*, Oracle (2025). **Badge**
- Finalist — *ECONOMANIA Hackathon*, PDEU, Ahmedabad (2024).
- Published — *A Comprehensive Review on Heart Disease Detection using ML/DL*, TechRxiv (2024). **Link**
- Published — *Systematic Comparison of Agentic AI Frameworks for Scholarly Literature Processing*, IJSRT (2025). **Link**
- Certified — *Data Science & ML*, IIT Guwahati (2024).