

Pratham Gadkari

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Education			
Undergraduate	Vishwakarma Institute of Technology, Pune: CSE (AI and ML)	9.20 / 10	2022- 2026
Class XII	Vikhe Patil Memorial School, Pune (CBSE)	92.2 %	2022
Class X	Pawar Public School, Nanded City, Pune	96.8 %	2020
Achievements			
Bank of Baroda Hackathon 2024 <i>Second Runner-up</i>			
Achievement	Secured Second Runner-up in the Bank of Baroda Hackathon 2024, competing against 26,000+ participants.		
Project	Developed Walter White, an AI-powered dashboard, integrating Natural Language Database Querying, Email Analysis, and Personalized Response Automation, improving operational efficiency by 25%. Ideated AI-driven solutions for bulk email marketing and loan application prediction, enhancing customer engagement by 30% and enabling data-driven financial decision-making.		
Contribution	Executed AI-powered bulk email marketing campaigns, reaching 10,000+ customers and improving outreach effectiveness by 40%. Analyzed loan application data to implement predictive AI models, providing insights that increased financial decision-making accuracy by 20%. Directed the integration of personalized automation tools, resulting in a 15% improvement in operational alignment with organizational goals.		
Smart India Hackathon 2024 <i>Winner</i>			
Achievement	Directed the development of <i>Gram Shiksha</i> , winning the Smart India Hackathon 2024 by addressing rural educational challenges and standing out among 57,000+ entries.		
Project	Developed <i>Gram Shiksha</i> , a remote learning platform optimized for low-speed internet, utilizing AI to enhance student engagement and provide actionable analytics, improving learning outcomes by 20%. Coordinated a 36-hour development cycle during the finale, integrating mentor feedback and iterative enhancements to deliver an end-to-end practical solution.		
Contribution	Dockerized all ML models and deployed them on the cloud using AWS EC2 and Lambda , ensuring scalable, efficient, and cost-effective operation. Managed the frontend with ReactJS, integrating it with cloud-deployed models to enable real-time data processing, achieving a 95% test coverage through test-driven development (TDD) to ensure a smooth and reliable user experience.		
Certifications			
IBM DevOps and Software Engineering Professional Certificate			
Skills	CI/CD pipelines, Jenkins, Docker, Kubernetes, Version Control (Git), Microservices, Agile Methodologies, Software Development Lifecycle (SDLC), REST APIs, Cloud Infrastructure, Automation, Monitoring, Testing, Deployment Strategies, Infrastructure as Code (IaC)		
NVIDIA Fundamentals of Deep Learning			
Skills	Deep Learning, Neural Networks, TensorFlow, PyTorch, Convolutional Neural Networks (CNNs), Model Training, Hyperparameter Tuning, Deep Learning Frameworks, Image Recognition, Computer Vision, GPU Programming, Data Augmentation, Loss Functions		
Positions of Responsibility			
Club and Position	Technical Head, CSI Student Chapter, VIT Pune		
Accomplishments	Curated 10+ technical assignments and mentored 16 juniors, upskilling them in key technologies. Executed 5+ technical projects and 1 workshop, enhancing member engagement. Liaised with 3 industry partners to create collaboration opportunities and secure sponsorships. Designed and maintained the club's website, increasing visibility and member participation by 30%.		