

Pratham Shewale

📍 Pune (MH.), India ✉ s.pratham0100@gmail.com ☎ +91 8850680552 in pratham-shewale 🌐 Pratham3301

About Me

Passionate AI & Data Science Engineering student with practical experience in building scalable software, AI models, and cloud-based solutions. Achieved 95% accuracy in AI systems, reduced deployment time by 40% through CI/CD automation, and developed applications supporting 1000+ concurrent users. Proficient in Python, C++, JavaScript, TensorFlow, Firebase, and Google Cloud Platform. Strong grasp of data structures, algorithms, and system design with experience in agile, team-based development.

Education

Dr. D. Y. Patil Institute of Engineering, Management and Research, Pune, Maharashtra [2022 -Current]
Bachelor of Engineering | CGPA: 9.02

Ambrosia English Medium School and Junior College, Nashik [2021]
12th | Percentage: 81.83 / 100

Guru Gobind Singh Public School and Junior College, Nashik [2020]
10th | Percentage: 92.60 / 100

Technical Skills

Programming Languages: SQL, C++, Python.

Technologies and Frameworks: HTML, CSS, JavaScript, Next.js, REST API, Data Science, Machine Learning, Scikit-learn, TensorFlow, PyTorch, Hugging Face, Generative AI (LLM), Docker, Kubernetes, Jenkins, DevOps, Cloud Computing, Data Structures, Algorithms, Operating Systems, Computer Networking, SDLC.

Databases: MySQL, Firebase, Firestore.

Soft Skills: Problem Solving, Leadership, Discipline, Teamwork, Time Management, Decision Making.

Competitive Programming: 3 Star Coder-[HackerRank](#), [LeetCode](#).

Professional Experience

Scalefull-Technologies - Software Engineer Intern [Dec 2024 to Feb 2025]

- Automated Schedule Manager deployment using Jenkins, GitHub Actions, CI/CD.
- Reduced deployment time by 40% and eliminated manual errors for 15+ microservices.
- Deployed scalable apps on AWS, Azure, and GCP with 99.9% uptime during 5x traffic spikes.

Projects

AI-Powered Career Preparation Platform [[Link](#)]

Tech Stack: Next.js, Tailwind CSS, Firebase, Vapi SDK, Google Gemini API.

- Built a voice-based mock interview app using **Vapi SDK** and **Gemini** with 95% accuracy.
- Implemented **Firebase Authentication** and Firestore for secure user flow and interview session tracking.
- Enabled in-app assistant & workflow creation via **Vapi Web SDK**, with AI-powered feedback generation.

Multiple Disease Prediction System [[Link](#)]

Tech Stack: Python, Scikit-Learn, Tkinter, Pandas, NumPy.

- Developed an interactive web app using **Streamlit** that predicts multiple diseases based on trained ML models with 85% accuracy.
- Trained and evaluated models like **Logistic Regression, Random Forest, and SVM** for different disease datasets, ensuring high accuracy and recall.

Deepfake Video Detection System [[Link](#)]

Tech Stack: Python, Django, TensorFlow, Keras, NumPy.

- Built a secure deepfake detection platform using CNN/RNN models with real-time monitoring integration.
- Applied multi-modal analysis and transformer-based training for accuracy and scalability.
- Addressed challenges like evolving spoofing techniques, false positives, and privacy risks in video classification.

Achievements and Certifications

- Smart India Hackathon 2023 & 2024 Shortlisted team.
- Consistent top 5% academic performance with 9.02 CGPA
- Software Engineer Intern, [HackerRank](#).
- Deloitte Australia - Data Analytics Job Simulation [Forage](#).
- Data Science 101, [IBM](#).