Prathamesh Dattatray Rane

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EDUCATION

Datta Meghe College Of Engineering, *Airoli, Maharashtra*   *Dec 2021 - Jul 2025*

B.E. in Artificial Intelligence and Data Science   CGPA 7.6/10

SKILLS

- **Languages**: Python, JavaScript, Dart, HTML, CSS
- **Frameworks**: React.js, Node.js, Next.js, Flutter, TensorFlow, PyTorch, Scikit-Learn, Pandas, NumPy, Matplotlib, Seaborn
- **Tools**: AWS, Firebase, OpenAI APIs (Whisper, GPT), SQL, MongoDB, Advanced Excel, Power BI
- **Platforms**: VS Code, PyCharm, Jupyter Notebook, Google Colab, Git & GitHub
- **Softskills**:Problem-Solving, Analytical Thinking, Time Management, Team Collaboration, Communication

PROJECTS

AI Object Detection System with Speech Output

Python | TensorFlow | OpenCV | Text-to-Speech

- Developed a real-time object detection system designed to assist visually impaired users.
- Integrated speech output to narrate detected objects in the surrounding environment.
- Created a fully scalable pipeline with optimized detection accuracy and low-latency performance**.**

Ride Sharing / Car-Pooling Mobile Application

Flutter | Dart | Firebase | Google Maps API

- Built a budget-friendly ride-sharing app for passengers and car owners.
- Implemented authentication, real-time ride matching, and live map navigation.
- Utilized Firebase for secure backend operations and real-time data management.
- Improved accessibility and promoted eco-friendly transportation.

Parikshan.io – AI-Powered Interview Simulation Platform

Next.js | Firebase | OpenAI Whisper | NLP | Resume Parsing

- Designed an AI-based platform for simulating real-time mock interviews.
- Integrated speech-to-text (Whisper), resume parsing, and job-role similarity scoring.
- Built intelligent feedback modules for technical and behavioral interview evaluation.
- Helped users receive actionable feedback and improve interview performance.

CERTIFICATIONS

- Certified Python Programmer – Internshala Trainings(Certificate)
- Hands-on Workshop on Blockchain Technology – SHAIDS, Datta Meghe College of Engineering, Jul 2024 [(Certificate)](Certificate)
- Hands-on Workshop on Ethical Hacking – SHAIDS, Datta Meghe College of Engineering, Jul 2024s(Certificate)

INTRESTS

Music, Boxing, Wildlife & Street Photography, Running, Shooting