PRANAV RAJPUT

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OBJECTIVE

Motivated and detail-oriented software developer seeking an opportunity to contribute to innovative projects, enhance technical capabilities, and grow in a dynamic and collaborative environment.

EDUCATION

BE in Computer Science and Engineering 2023 - 2026
Prof. Ram Meghe Institute of Technology and Research, Badnera-Amravati. CGPA 8.35

Diploma in Computer Engineering 2020 - 2023
Government Polytechnic, Khamgaon Aggregate 84.06%

SKILLS

Technical Skills Java, Data Structures and Algorithms, MySQL, Python, HTML, CSS, JavaScript, Deep Learning, Machine Learning, Flutter, Dart, Firebase, Google Colab, Git and GitHub

Soft Skills Leadership, Teamwork, Problem Solving, Communication Skills

EXPERIENCE

Machine Learning Intern May 2024 - Jul 2024
Intel Unnati

- Led a team project to build a Flask-based web application for analyzing structured datasets and generating human-readable insights through an end-to-end machine learning pipeline.
- Implemented ML models including Linear Regression, Random Forest, KMeans, DBSCAN, and PCA for clustering and dimensionality reduction; utilized libraries like Pandas, Scikit-learn, Matplotlib, and KNNImputer for preprocessing and evaluation.
- Configured Distil GPT-2 via API for automated insight generation in natural language and developed an interactive UI using HTML, CSS, and JavaScript for seamless user interaction.

PROJECTS

Student Attendance System using Face Recognition

- Streamlined a real-time face recognition system using Haar Cascade and LBPH algorithms to automate student attendance, capturing and training images via webcam. Established a GUI using Tkinter for image registration and recognition; achieved over 92% accuracy in face identification and integrated automated attendance logging in Excel without relying on external datasets. (GitHub)

Smart Warehouse Space Optimization

- Created a web-based warehouse management platform that optimized product placement using a Genetic Algorithm based on access frequency, resulting in up to 30% improvement in space utilization and retrieval efficiency. Integrated QR code scanning for real-time product tracking and Applied Twilio API to deliver low-stock and out-of-stock alerts; generated dynamic summary reports to support inventory decision-making. (GitHub)

ACHIEVEMENTS

- Top 6 Finalist at HackgenX 2025, a national-level hackathon, selected from over 250 teams for outstanding innovation and technical implementation.
- Recognized as an Intel Unnati Success Achiever (2024) for a top-performing project selected among all participating teams.
- Google Developer Group (GDG) Android Development Domain Member.