Pratik Prakash

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Professional Summary

MCA student with hands-on experience in real-time AI, cloud tools, and Python automation. Developed and deployed computer vision and data-driven applications with OpenCV, YOLO, and Pandas. Thrives in Agile environments and passionate about building efficient, user-centric tech solutions. Eager to contribute to Google's mission through innovative software development.

Education

Dr. D. Y. Patil University School of Management, Pune

- MCA – Master of Computer Applications (Computer Engineering)
- 2023 – Present (Expected Graduation: Dec 2025)

Graphic Era Deemed to be University, Dehradun

- BCA – Bachelor of Computer Applications
- 2020 – 2023

Technical Skills

- Languages: Python, SQL, HTML/CSS

- Frameworks & Tools: OpenCV, Pandas, Matplotlib, Git, VS Code, Jupyter, Google Colab

- AI/ML: YOLOv3, Computer Vision, ChatGPT APIs

- Concepts: Cloud Computing, Database Systems, OS

- Soft Skills: Teamwork, Time Management, Communication, Problem Solving

Certifications

- Data Science for Engineers – NPTEL (IIT Platform)

- Cloud Computing Workshop – GEU IEEE Student Branch

Internship Experience

Software Development Intern

- Acism Software Pvt. Ltd. (Remote) | Jan 2025 – July 2025

- Automated data workflows using Python and reusable components.

- Contributed to Agile product development and debugging.

- Used Git for version control and clean documentation practices.

Projects

Facial Recognition Attendance System

- Python, OpenCV, Haar Cascades

- Automated attendance with face recognition from webcam feed.

- Logged data directly to local storage, reducing manual input by 80%.

Object Detection with YOLO

- YOLOv3, Python, OpenCV

- Built real-time object detection from live video.

- Improved detection accuracy in variable lighting through parameter tuning.

Bus Booking System

- ASP.NET, SQL Server

- Created a full-stack booking platform with secure login and seat tracking.

- Focused on backend database integration and form validation.

SEO-Optimized Portfolio Website

- WordPress, HTML/CSS

- Designed a responsive site showcasing MS Dhoni's achievements.

- Applied SEO techniques to enhance search visibility.

Leadership & Volunteering

NSS Volunteer (B-Level Certified)

- Led social initiatives and environmental awareness drives.

Event Head – SPE Student Chapter

- Managed inter-college technical events, workshops, and volunteers.

Volunteer – SPE Communication Club

- Promoted technical knowledge through peer learning and outreach.