Piyush Prakash Mahana

📞 +91-9437417237   ✉ piyushprakashmahana9@gmail.com

🔗 linkedin.com/in/piyush-prakash-mahana-81927a25a   📍 Sambalpur, Odisha

Career Objective

Highly motivated Computer Science undergraduate with a strong foundation in C++, Python, and OpenCV. Skilled in real-time application development, web technologies, and database management. Seeking a challenging role in software development or computer vision to apply problem-solving abilities and technical knowledge. Open to internships and entry-level roles in software engineering, AI, or full-stack development.

Education

Gandhi Engineering College, BPUT – Bhubaneswar, Odisha
Bachelor of Technology in Computer Science & Engineering
2021 – 2025 | CGPA: 7.15

Madnawati Public School (CBSE) – Sambalpur, Odisha
Senior Secondary (XII), 2021 | 68%
Secondary (X), 2019 | 78%

Experience

College Tech Fest Organizer – GEC Bhubaneswar
Aug 2023 – Nov 2023
- Managed tech event registrations using self-developed web form system.
- Designed event posters and aftermovies using Adobe Photoshop and Premiere Pro.
- Contributed to organizing coding and design competitions.

Projects

Real-Time Face Recognition System | C++, OpenCV, SQLite
- Developed a face recognition system using Haar Cascade and LBPH algorithm.
- Integrated with SQLite to store and retrieve user data.
- Achieved over 90% accuracy under controlled conditions.

Multi-Person Emotion Detection and Face Recognition | Python, DeepFace, OpenCV
- Built a live system to detect emotions and recognize faces in video streams.
- Used DeepFace for emotion classification and OpenCV for face tracking.
- Useful for surveillance and user analytics applications.

Portfolio Website | HTML, CSS, JavaScript
- Designed and deployed a responsive personal portfolio site to showcase skills and projects.
- Added contact form and GitHub project links.

Bank Management System (Console App) | C++
- Created a command-line banking system to handle account creation, deposit, and withdrawal.
- Implemented file handling and object-oriented design.

Technical Skills

Programming Languages: C++, C, Java (basic), Python (basic)

Web Technologies: HTML, CSS, JavaScript, MySQL

Tools & Libraries: OpenCV, DeepFace, Git, Adobe Photoshop, Premiere Pro

Frameworks & Platforms: Windows, Linux

Concepts: Data Structures, OOP, Operating Systems, DBMS, Computer Vision, REST APIs

Certifications & Courses

- Data Structures & Algorithms in C++ – LetsUpgrade

- C++ Programming Bootcamp – LetsUpgrade

- Adobe Photoshop – Basics & Advanced

- Video Editing with Adobe Premiere Pro

Competitions & Participation

- Participated in Flipkart Grid 6.0 – Software Development Track

- Attended national bootcamps on C++ and software design

Key Highlights

- Built and deployed 4+ real-time applications in computer vision and web development.

- Experienced with Git, Linux, object-oriented programming, and basic API integration.

- Strong problem-solving mindset with practical exposure to real-world challenges.