

RIYA PAL

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SUMMARY

Highly motivated and results-oriented Information Technology student (B.Tech expected 06/2026, 9.9 GPA up to Sem 5) with a strong foundation in programming, software development principles, and a passion for Machine Learning, Web Development, App Development, and DevOps. Proven ability to collaborate effectively within teams, deliver innovative solutions, and adapt quickly to new technologies, as demonstrated through multiple internships and personal projects. Seeking an entry-level Software Developer position to leverage skills and contribute to a dynamic organization.

WORK EXPERIENCE

Uptoskills – Data Analyst Intern

Dec 2024 – Mar 2025

- Developed analytics solutions and BI tools in collaboration with a team.
- Designed and implemented databases and dashboards to provide actionable insights.

AICTE & Edunet Foundation – AI Intern

Dec 2024 – Jan 2025

- Developed a Human Pose Estimation System using MediaPipe and OpenCV.
- Created a Streamlit application to visualize pose detection from images and videos.

Utkarsh Minds – Machine Learning Intern

Jul 2024 – Oct 2024

- Developed an intruder detection system using Machine Learning and computer vision.
 - Contributed to model research, development, and provided technical support.
 - Actively participated in code reviews, design sessions, and project demonstrations.
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PROJECTS

Rentronix – Rental Service Mobile Application

- Developed a user-centric rental application featuring a login system, product catalog, and in-app utilities. **Tech Stack:** Flutter Framework, Firebase (or DBMS), UI/UX Design

Criminal Database System

- Designed a database management system incorporating triggers, temporal/spatial features, and data fragmentation for optimized crime record management.
- **Tech Stack:** MySQL, SQL, Python

Intruder Alert System (Internship Project)

- Implemented a Machine Learning-based system for intrusion detection using camera footage. **Tech Stack:** Python, OpenCV, ML Algorithms
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EDUCATION

Vidyalankar Institute of Technology, Wadala

- B.Tech, Information Technology | Expected Graduation: 06/2026 | GPA: 9.9 (Up to Sem 5)

Lakshya Prep Jr College, Kalyan

- HSC | 06/2022 | 75.50%

Don Bosco High School, Dombivli

- SSC | 06/2020 | 93.00%
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SKILLS

- **Programming Languages:** Python, JavaScript, SQL
- **Frameworks/Libraries:** Flutter, Firebase, Flask, scikit-learn, OpenCV, MediaPipe, Streamlit, React, Node.js, Express.js
- **Databases:** MySQL, Sqlite, PostgreSQL, MongoDB
- **DevOps:** Git, Docker, Jenkins, VirtualBox
- **Other:** Data Analysis, Machine Learning, Web Development, UI/UX Design, Communication, Collaboration, Problem-Solving, Adaptability