Riya Pal

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SUMMARY

Final-year B.Tech IT student (GPA 9.9/10) with skills in software development, Machine Learning, App Development, and DevOps. Experienced in real-world projects and internships. Eager to contribute to software development roles.

EDUCATION

Vidyalankar Institute Of Technology — Mumbai
Bachelor of Technology in Information Technology, Major in Data Analytics — *July 2022 – Present*
- CGPA(upto sem 6) : 9.9

EXPERIENCE

AI and Cloud Research Intern — June 2025 – Present
Kloudstac — *Mumbai (Remote)*
- Researching AI system architectures with a focus on LLMs and generative AI deployment.
- Analyzing model compatibility and document findings for internal technical reference.

Summer Intern — June 2025 – July 2025
MPower - Aditya Birla Education Trust — *Worli, Mumbai(on-site)*
- Worked on daily assigned tasks involving business analytics tools like Zoho Analytics, focusing on data visualization, augmented analysis, and automated insights.

Data Analyst Intern — Dec 2024 – March 2025
UptoSkills — *Mumbai (remote)*
- Developed analytics solutions and BI tools in collaboration with a team.
- Designed and implemented databases and dashboards to provide actionable insights

Machine Learning Intern — July 2024 – Oct 2024
Utkarsh Minds — *Borivali,Mumbai (hybrid)*
- 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

PROJECTS

Rentronix – Rental Service Mobile Application | *Flutter, Firebase / DBMS, UI/UX* — GitHub
- Developed a cross-platform mobile app for renting products with user authentication, product catalog, and rental tracking.
- Integrated Firebase for real-time database and backend services, enhancing user experience and app functionality.

Criminal Database Management System | *Sqlite3, Python,*Streamlit — GitHub
- Designed a structured database system with triggers, spatial/temporal data, and fragmentation for optimized record handling.
- Developed Python scripts for secure data interaction and retrieval from the MySQL backend.

Intruder Alert System (Internship Project) | *Python, OpenCV, Machine Learning* — GitHub
- Implemented a real-time intrusion detection system using OpenCV and ML to analyze live camera feeds.

SKILLS

Programming Languages: Java, Python, JavaScript, C, SQL
Frameworks/Libraries: Flutter, Flask, scikit-learn, OpenCV, MediaPipe, Streamlit, Node.js, Express.js
Databases: MySQL, SQLite, PostgreSQL, MongoDB
Tools/Platforms: Docker, Jenkins, Git, Firebase, Streamlit, Power BI , Tableau , Zoho Analytics , VirtualBox
Concepts: Machine Learning, Data Structures and Algorithms, REST APIs, Agile, Software Testing.