



Rana Yashkumar B.

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TECHNICAL SKILLS

- Programming Languages: Python (ML & Backend), Java, JavaScript, C/C++ , SQL.
- Web Technologies: React.js, Node.js, Express.js, HTML5, CSS3, React Native, Bootstrap
- Databases: MongoDB, MySQL, Firebase, PostgreSQL, SQLite
- Tools & Platforms: Git, GitHub, Arduino IDE, TensorFlow, OpenCV, Postman, AWS, Linux
- Core CS Fundamentals: DSA, Cloud Computing, Operating Systems, DBMS, Machine Learning, Deep Learning, Digital Forensics, Computer Networks, Object-Oriented Programming

EDUCATION

KSET , KPGU | Vadodara | B-Tech in Computer Science and Engineering | Graduation: June 2028

- Diploma: UPL University of sustainable technology | 2022-2025 | 10 CPI | 95%
- Senior Secondary (XII): SVEM Gujarati medium | GSEB | 2022
- Secondary (X): Priyadarshini school | GSEB | 2020 | 85.90%

PROJECT

- Smart Irrigation System | Built a Python/Arduino IoT system to automate irrigation; implemented remote mobile management, reducing manual labor by 70%.
- Image Tamper Detection | Developed a CNN-based ML application using Python/OpenCV; utilized Error Level Analysis to achieve 92% forgery detection accuracy.
- E-commerce Platform | Architected a full-stack retail web app using Python, SQLite, and Tailwind CSS; optimized queries to increase data retrieval speed by 40%.

INTERNSHIP

IICL Ankleshwar | Web Development Intern | June 2024 – July 2024

- Developed internal web modules using Python and SQL, managing end-to-end web hosting for live stability.

Lupin Limited | IT Department Intern | June 2023 – July 2023

- Managed network monitoring and hardware/software troubleshooting within a large-scale industrial IT environment. Gained hands-on insight into industrial IT operations and improved efficiency via workflow documentation.

ACHIEVEMENTS & CERTIFICATIONS

- Academic: Ranked 1st (Gold Medalist) in Diploma; 6-time Gold Medalist and 2-time Best Student Award winner for academic excellence.
- Hackathons: Consistent participant in SIH (2022-25), TCS CodeVita 2024, and Finalist in Odoo x GCET Hackathon 2025.
- Coding: Solved 100+ problems on LeetCode and CodeChef with a focus on Python and Data Structures.

LEADERSHIP & INTERESTS

Technical Lead | Coding Ninjas Club | 2024 – 2025

Member | GDSC UPL University | 2023 – 2024

Event Management: Organized Logic Loop Hunt At UPL University with over 100+ participants.