

Lakshay Singhal

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Education

Dr. A.P.J Abdul Kalam Technical University (Sunderdeep Engineering College)

Bachelor of Technology in Computer Science and Engineering. | CGPA: 7.38

Expected August 2025

Ghaziabad, Uttar Pradesh

L.N. Public School, Hapur

Intermediate | Percentage: 78.2%

March 2020 - March 2021

Hapur, Uttar Pradesh

Experience

Intern - Edunet Foundation (AICTE - IBM SkillsBuild)

January 2025 - February 2025

Technologies and Learning are in Security, Python, SQL, data engineering.

(Remote, India)

- Gained hands-on experience with Python, Security and version control systems (Git).
- Completed a 4-week internship under the IBM SkillsBuild, to develop components of a project addressing real-world threats.

SDE Intern - Bluestock Fintech

September 2024 - November 2024

Technologies used:- Python, Excel, SQL, HTML, CSS, JavaScript, React.

(Remote, India)

- Delivered key features, improving application performance for efficient code quality.
- Coordinated with a team of developers during key phases of software deployment.
- Enhanced efficiency and responsiveness through seamless integration of frontend and backend systems.

Contributor - GirlScript Summer Of Code (GSSOC)

May 2024 - August 2024

Technologies used:- Python, SQL, HTML, CSS, JavaScript, React

(Remote, India)

- Debugged bugs across multiple projects, improving overall stability and reducing error incidents.
- Partnered with developers to complete collaborative projects, enhancing development efficiency and user experience satisfaction.

Projects

NextStep - AI-Based Career Guidance System | Python, JavaScript, SQL, etc

'Project Link'

- Analyzed user data to enhance the career matching system for NextStep; streamlined processes resulted in a more efficient identification of suitable careers for users, impacting approximately 200 individuals monthly
- Guided 250+ students in identifying career paths aligned with their interests by AI insights and recommendations.
- Bridged the gap between academic qualifications and career opportunities, guiding 1,000+ students.

Face Recognition Attendance System | Python, JavaScript, React, SQL.

'Project Link'

- Developed a Face Recognition Attendance System based on Python ensuring real-time and accurate identification.
- Designed and optimized face detection algorithms to accurately recognize faces with 500+ users, enhancing efficiency and scalability. Integrated SQL for secure attendance storage, ensuring 99% data consistency.

House Price Prediction System | Python, React, JavaScript, SQL, Streamlit.

'Project Link'

- Assisted 100+ buyers, sellers, and agents by providing accurate price predictions, reducing manual market research.
- Developed a data-driven solution to optimize real estate pricing, providing accurate insights to stakeholders.
- Optimized SQL queries to support seamless real-time data retrieval

Technical Skills

Programming Languages: Python, SQL, JavaScript, HTML, React, CSS.

Computer Concepts: Data Structures, Algorithms, DBMS, Databricks learner, Azure Tools Learner, AI/ML (Beginner).

Achievements & Certifications

- Certification in Tata Imagination Challenge 2024.
- Completed the Asia AI Odyssey Challenge, certified by Microsoft.
- Successfully finished a Python Programming Training Program by Infosys.
- Demonstrated strong skills by solving over 200 DSA problems across various platforms.