

# PANKAJ KUMAR SINGH

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## EXPERIENCE

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**autoDX Technologies Pvt Ltd – Ahmedabad, Gujarat**

Oct 2024 – Mar 2025

*Full-stack Web Developer*

- Worked on multiple web projects using Flask and JavaScript for both frontend and backend development.
- Developed secure APIs for user login, data retrieval, and other backend features.
- Improved database performance by writing optimized SQL queries and applying indexing.
- Used Git and VS Code to collaborate with the team and manage code changes effectively.

**iSageBrum Technologies Pvt Ltd – Ahmedabad, Gujarat**

June 2024 – Sep 2024

*Backend Web Developer Intern*

- Learned to write clean, modular Flask code and gained a strong understanding of backend project structure.
- Refactored backend code to improve speed, readability, and maintainability.
- Built RESTful APIs using Flask for real-world applications in a live project.
- Tested and debugged APIs using Postman to ensure proper request handling and reliability.

## PROJECTS

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**TalentLink – Job Matching & Recruitment Platform**

Jan 2025 – Mar 2025

*Tech Stack: React.js, Flask, HTML, CSS, JavaScript, MySQL*

- Built a full-stack job portal enabling recruiters to post jobs and candidates to apply and track applications.
- Designed interactive dashboards with job search, sorting, and filtering based on title, skills, and location.
- Implemented secure user authentication and RESTful APIs for smooth frontend-backend integration.
- Ensured a responsive, intuitive interface for both recruiters and applicants.

**StaffSync – Employee Management & Performance System**

June 2025 – Sep 2025

*Tech Stack: React.js, Flask, HTML, CSS, JavaScript, MySQL*

- Developed a web-based platform for managing employee records, attendance, and performance.
- Created separate admin and employee modules for efficient role-based access.
- Integrated CRUD operations with secure data handling and visual dashboards.
- Designed a responsive interface ensuring smooth synchronization between frontend and backend.

## SKILLS

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- **Languages:** Python, JavaScript
- **Frontend:** HTML, CSS, ReactJS
- **Backend:** Flask, REST APIs, MySQL
- **Data Analysis & Visualization:** Excel, Power BI
- **Tools:** Git, GitHub, Postman, VS Code, Jupyter, ChatGPT

## CERTIFICATIONS

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- Introduction to Cybersecurity by Cisco – January 2023
- Postman API Fundamentals Student Expert – April 2025
- Oracle Cloud Infrastructure 2025 AI Foundations – September 2025

## PUBLICATIONS

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- Lakshmipriya, B., Singh, P. K., & Jayalakshmy, S. (2025). Pix2pix GAN for Image-to-Image Translation. In Generative AI (Chapter 4, pp. 73–90). John Wiley & Sons, Ltd. <https://doi.org/10.1002/9781394302932.ch4>

## EDUCATION

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**Vellore Institute of Technology – Chennai**

2023-25

Master of Computer Applications; Cumulative GPA: 8.56

**Engineering College Bikaner – Rajasthan**

2020-23

Bachelor of Computer Applications; Percentage: 70.5%