


# Arshpreet Singh

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## EXPERIENCE

### Q SPIDERS | SDE-TRAINEE

June 2024 - August 2024 | Chandigarh, India

- Successfully completed an intensive training program focusing on JavaScript, SQL, advanced SQL, React, and Next.js.
- Gained hands-on experience in full-stack development, working on real-world projects and enhancing problem-solving skills.
- Demonstrated proficiency in developing dynamic web applications and managing databases efficiently.

### APPLIED SCIENCE DEPT. GNDEC | PYTHON/REACT INTERN

June 2023 - present | Punjab, India

- Created a Real time chat-bot based on machine learning to answer frequently asked queries.[certificate](#)
- Automated admission related QUERY RESOLVING BY 45%
- Reduced PAPER WORK BY 30%
- Saved query resolving MONETARY COST BY 36%

## PROJECTS

### FACE RECOGNITION AND DETECTION SYSTEM

PYTHON DLIB OPENCV

[GitHub](#)

- A project with different features like face recognition, multiple face detection and 68 face Landmark detection.
- Received the Best research paper award for this project at 11th International Conference on Advancements in Engineering Technology (ICAET-2023)

### MOVIE RECOMMENDER SYSTEM

MACHINE LEARNING

[Kaggle Notebook](#) | [Demo Video](#)

- Developed using Python, Pandas, scikit-learn, data cleaning, feature engineering, and advanced text processing with NLTK.
- Implemented NLTK for tokenization and stemming.
- Utilized CountVectorizer for efficient text vectorization (top 5000 features).

### URL SHORTNER | [GitHub](#) | May 2024

NODE EXPRESS MONGODB EJS

- Created URL shortener for streamlined link management.
- Implemented real-time analytics for data-driven improvements.
- Ensured seamless integration and server side rendering (EJS).

## EDUCATION

### GURU NANAK DEV ENGINEERING COLLEGE

BACHELOR OF TECHNOLOGY IN  
INFORMATION TECHNOLOGY

2021 - 2025 | Ludhiana, Punjab

CGPA: 9.5 / 10.0

### SACRED HEART CONVENT SCHOOL

12TH | CISCE | 95.5%

2020 | Ludhiana, Punjab

## ACHIEVEMENTS

- BEST RESEARCH PAPER AWARD (ICAET-2023) [Certificate](#)
- 500+ DSA Questions at GFG
- Core Member Google Developer Student's Club GNDEC
- 6th campus rank out of 1166 at GFG Practice
- Best Student Award [Certificate](#)
- Publication Science Citation Index (SCI) [Springer](#)
- Finalista at National-level Hackathon at CGC Jhanjeri. [Certificate](#)

## COURSEWORK

- OOPS • DBMS
- DSA • OS
- Devops • ML

## SKILLS

### PROGRAMMING

- Typescript • JavaScript • Python
- C/C++ • JAVA

### TECHNOLOGY

- React • NextJS • Linux • Docker
- Git/Github Jenkins • SQL • NodeJs Express MongoDB • AWS

## LINKS

[GitHub](#) | [Leetcode](#) | [GFG Practice](#)