

# Arshpreet Singh

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## Professional Summary

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Highly skilled Full Stack Developer with expertise in Next.js, JavaScript, React, Node.js, SQL, machine learning and automation. Awarded for excellence in academics and research. Team player with excellent communication skills.

## Experience

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**GET intern Automation**, Airtel – Gurugram Jan 2025 – Present

- Automating Airtel's B2B network operations by optimizing architecture using **Flask, Python, and SQL**.
- Developed web solutions for apps on private IPs, focusing on user management for the internal team.
- Improved audit efficiency by 20% via automation, reduced incorrect call updates by 35% via type validation.

**Full Stack Trainee**, Q Spiders – Chandigarh June 2024 – Aug 2024

- Completed intensive training in **Next.js, React, Node.js, JavaScript, SQL, Advanced SQL**.
- Achieved a **97% course completion rate** and improved **problem-solving skills by 30%** in evaluation.

**Full Stack Intern**, Applied Science Dept. – GNDEC, LDH | [certificate](#) June 2023 – Sep 2024

- Created a custom chat-bot based on **machine learning** to automate admission related **query resolving by 45%**
- Used **Django and Fast API** to reduce **paper work by 30%** and saved query resolving **Monetary cost by 36%**

## Projects

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**Full-Stack Twitter Clone with Next.js, Node.js and GraphQL** [GitHub](#)

- Used **Node.js, GraphQL, Prisma ORM, and Supabase** for cloud-hosted **PostgreSQL** with **Redis caching**.
- Implemented user authentication with Google OAuth, JWT, and server-side rendering in Next.js.

**Interactive Portfolio Website** [arshpreet.me](#)

- Features distinct sections, including About, Projects, Experience, skills, achievements, and feedback.
- Leveraged Framer Motion, Next.js, React, TypeScript, and Tailwind to boost user engagement by 30%

**Advanced Face Recognition and Detection System - Best Research Paper Award** [GitHub](#)

- Implemented 68 facial landmark detection, achieving 95% accuracy in face recognition tasks.
- Tools Used: Python, Dlib, OpenCV, face\_recognition, computer vision and machine learning algorithms.

**ShopEase - E-Commerce Platform** [GitHub](#)

- E-commerce platform with React, Node.js, TypeScript, MongoDB, and Redux for state management.

**SecureURL - Authenticated URL Shortener** [GitHub](#)

- URL shortening service in React, Node.js, TS, and MongoDB, with access to logged-in users only and JWT Auth.

## Education

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**Guru Nanak Dev Engineering College**, BTech in Information Technology 2021 – 2025

- GPA: 9.5/10 ([latest mark-sheet](#))
- **Coursework**: Operating Systems, DBMS, Data Structure and Algorithms, Computational Theory

**Sacred Heart Convent School**, ICSE 12th | Non-Medical **95.5%** ([mark-sheet](#)) 2021

## Technologies

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**Languages**: C ++, C, Java, Python, SQL, JavaScript, TypeScript

**Technologies**: AWS, Docker, Microsoft SQL Server, React, NextJS, Linux, Git/Github, NodeJs, Express, MongoDB

## Achievements

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**Best Student Award** [certificate](#) | **Academic Excellency Award** [Link](#) | 500+ DSA [@Leetcode](#) | 6th Campus Rank out of 1166 [@GFG](#) | Core Member [@Google Dev Group](#) | Finalist National-level Hackathon [Certificate](#)