

# Sankalp Tyagi

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## Professional Summary

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Full-Stack Developer with a strong focus on frontend technologies. Experienced in building responsive, scalable web applications using React, Next.js, Node.js, and Django. Skilled in database systems, REST APIs, UI/UX principles, and deployment workflows. Comfortable using AI-assisted development tools to speed up prototyping, improve code quality, and streamline problem-solving. Committed to crafting user-centric experiences while maintaining performance and clean, maintainable code.

## Education

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### Manipal University Jaipur

Bachelor of Technology in Computer & Communication Engineering

CGPA: 7.52 / 10

Jaipur, India

Sept 2022 – May 2026

### St. Anthony's Senior Secondary School

Senior Secondary (Science Stream, CBSE)

Percentage: 89%

Moradabad, India

Apr 2020 – May 2022

### Delhi Public School

Secondary Education (CBSE)

Percentage: 92.6%

Moradabad, India

Apr 2020

## Technical Skills

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- **Programming Languages:** Python, C++, JavaScript, TypeScript, SQL
- **AI-Assisted Development:** GitHub Copilot, Cursor, Codeium, Replit AI, WindSurf, Framer AI, Webflow AI
- **Frontend Development:** React.js, Next.js, HTML5, CSS3, TailwindCSS, Bootstrap, ShadCN UI, Framer Motion
- **Backend Development:** Node.js, Express.js, Django, Laravel, ASP.NET Core, REST APIs
- **Databases:** MySQL, PostgreSQL, MongoDB, SQL Server, SQLite
- **Cloud & Deployment:** AWS (EC2, S3, Lambda, RDS), Docker (basic), Vercel, Netlify, Git, Github
- **AI/ML:** PyTorch, TensorFlow, Scikit-learn, NumPy, OpenCV
- **UI/UX & Design:** Figma, Framer, Wix, Canva

## Professional Experience

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### Sneads

Front-end Developer Intern

Remote

Dec 2025 – Jun 2026

- Built interactive web interfaces with React.js, Next.js, and REST APIs.
- Collaborated with backend teams for API integration, debugging, and performance optimization.
- Applied UI/UX principles and implemented reusable responsive components.
- Created templates on Wix and explored low-code platform integrations.

## Projects

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### AETHER – Microblogging Platform

Django, HTML/CSS, Bootstrap 5, SQLite — 2025

[GH](#) [GitHub](#)

- Developed a social platform enabling users to register, login, post, edit, and delete tweets.
- Designed responsive frontend with Bootstrap 5 and Django templates.
- Integrated SQLite for lightweight storage and Git for version control.

### E-Commerce Website

MERN Stack — 2024

- Implemented full e-commerce platform with catalog, cart, and secure checkout.
- Developed backend with Express/Node.js and database with MongoDB.
- Integrated JWT-based authentication and optimized queries for performance.

## Achievements & Leadership

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- **Smart India Hackathon 2024:** Team Leader – led development of solution addressing real-world problem.
- **Table Tennis Team Captain:** Represented and led Manipal University Jaipur team (2023 – 2025).