

Sankalp Tyagi

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Professional Summary

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

Manipal University Jaipur	Jaipur, India
Bachelor of Technology in Computer & Communication Engineering	
<i>CGPA: 7.52 / 10</i>	
St. Anthony's Senior Secondary School	Moradabad, India
Senior Secondary (Science Stream, CBSE)	
<i>Percentage: 89%</i>	
Delhi Public School	Moradabad, India
Secondary Education (CBSE)	
<i>Percentage: 92.6%</i>	

Technical Skills

- 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

Sneads	Remote
<i>Front-end Developer Intern</i>	
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

AETHER – Microblogging Platform	<i>Django, HTML/CSS, Bootstrap 5, SQLite — 2025</i>
 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	<i>MERN Stack — 2024</i>
• 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

- 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).