

AKSHAT JAISWAL

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Technical Skills

Programming Languages	JavaScript (ES6+), Java.
Frontend	Next.js, React.js, Tailwind CSS.
Backend & Authentication	Node.js, REST APIs, NextAuth, JWT, Clerk.
Databases & Backend Services	MongoDB, MySQL, Supabase.
Realtime & Streaming	WebRTC, Socket.io, HLS, Adaptive Bitrate Streaming.
Cloud & Tools	AWS (EC2, S3), Git, GitHub, Postman, Cloudinary.

Projects

[StreamView — Realtime Streaming Platform](#)

Tech Stack: Next.js, Clerk, Supabase, MongoDB, Razorpay, WebRTC, Socket.io, HLS.

- Achieved less than 300 ms signaling latency during local WebRTC connection testing.
- Improved playback stability by 35% under fluctuating bandwidth using Adaptive Bitrate Streaming + HLS pipeline.
- Supported 5 concurrent users with stable screen sharing in multi-device testing.

[ShopVerse — Full Stack E-Commerce Platform](#)

Tech Stack: Next.js, MongoDB, NextAuth, JWT, Razorpay, Cloudinary.

- Reduced average product data fetch time by 30% using optimized API queries.
- Improved session validation speed by 25% after implementing JWT-based authentication.
- Reduced image load latency by 40% using Cloudinary media optimization.

[PlantNation — E-Commerce Platform \(Group Project\)](#)

Tech Stack: Next.js, Tailwind CSS, JavaScript.

- Improved Lighthouse performance and accessibility scores by approximately 30%.
- Reduced initial page load time by approximately 20% using asset optimization.

Education

Degree / Board	Year	Institution	Score
B.Tech (CSE)	2023 – Present	VIT Bhopal University	8.45 CGPA.
Class XII — ISC Board	2023	St. Joseph's College, Prayagraj	89.5%.
Class X — ICSE Board	2021	St. Joseph's College, Prayagraj	94.2%.

Certifications

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- [Google IT Support Certificate](#).
 - [NPTEL — Introduction to Machine Learning](#).
 - AWS Skill Builder.

Achievements & Experience

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- Top 1% — NPTEL Introduction to Machine Learning.
 - Managed and organized inter-school technical events as Core Member of IT Association.
 - Dr. G. Viswanathan Hackathon — Advanced to Round 2.

Additional

Languages: English, Hindi.

Interests: Reading articles related to AI and Technology, Cricket.