ARPIT SHRIVASTAVA

Sonepat, Haryana, India

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SKILLS

- **Languages:** C, C++, Java, JavaScript, Python, SQL, HTML, CSS
- **Frameworks & Libraries:** React.js, Next.js 14, Express.js, Node.js, Bootstrap, TailwindCSS
- **Databases:** MongoDB, SQL
- **Tools:** Git, GitHub, Linux

EDUCATION

Indian Institute of Information Technology (IIIT) Sonepat   **Expected: July 2026**

Bachelor of Technology in Information Technology   **CGPA: 8.7**

Metropolis International School, Gwalior, MP   **2022**

Central Board of Secondary Education (CBSE)   **Percentage: 95%**

EXPERIENCE

Tailsway — Web Development Intern   **Jun 2025 – Present**

- Developed and deployed a custom chatbot, boosting user query resolution efficiency by 25%.
- Designed responsive UI layouts using Figma and developed webpages in WordPress.
- Reduced webpage load time by 15% through image optimization, efficient design structure, and plugin management.

PROJECTS

🔗 VisionFlux — AI Image Transformation SaaS   **Jan 2025 – Mar 2025**

Tech Stack: Next.js, TypeScript, MongoDB, Clerk, Cloudinary, Stripe, Shadcn, Tailwind CSS

- Designed to support high-throughput image transformations (10,000+ images/month) with sub-500 ms latency by architecting a Next.js/TypeScript frontend and Cloudinary-powered backend pipeline.
- Engineered for 99.9% availability and seamless session management by integrating Clerk authentication with webhook-driven MongoDB synchronization, targeting future 1,000+ active users.
- Built for streamlined monetization by implementing a Stripe credit-purchase system with end-to-end webhook handling and server actions, benchmarked to handle 500+ transactions/month.
- Benchmarked to reduce search latency by 40% via Cloudinary AI tagging and MongoDB Atlas Search–powered pagination, laying the groundwork for improved user engagement.

🔗 Blogify — Full-Stack Blogging Platform   **Mar 2024 – May 2024**

Tech Stack: Node.js, Express.js, MongoDB, EJS, Bootstrap 5

- Increased engagement by 40% with real-time comments and JWT authentication.
- Built a full-stack blog with server-rendered content using Node.js, Express, and EJS.
- Secured user data via JWT auth and protected routes.
- Designed responsive UI with Bootstrap 5 for consistent cross-device UX.

ACHIEVEMENTS

- Solved 400+ Data Structures & Algorithms problems across **LeetCode**, **CodeChef**, and **GFG**.
- **5★** rating in Problem Solving on **HackerRank**
- **Flipkart Grid 6.0 Hackathon Level 2** Qualifier (E-commerce track).
- **DTU Vihaan 8.0 Hackathon 2025** — Built a healthcare web app prototype with a team of 4.

LEADERSHIP & EXTRACURRICULARS

- **E-CELL, IIIT Sonepat:**Contributed to multiple teams (Events, Marketing,Social Media) Mar 2023 – Mar 2024.
- **CEM Photography Club:** Core Member — produced visual content for 5+ campus events.

RELEVANT COURSEWORK

- **Core CS:** Data Structures, Algorithms, OOP, Software Engineering, DBMS
- **Systems:** Operating Systems, Computer Networks, Compiler Design