

ARPIT SHRIVASTAVA

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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

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| Indian Institute of Information Technology (IIIT) Sonapat | 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

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| Tailsway — Web Development Intern | Jun 2025 – Present |
| <ul style="list-style-type: none">• 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

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|  VisionFlux — AI Image Transformation SaaS | Jan 2025 – Mar 2025 |
| Tech Stack: Next.js, TypeScript, MongoDB, Clerk, Cloudinary, Stripe, Shadcn, Tailwind CSS | |
| <ul style="list-style-type: none">• 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 | |
| <ul style="list-style-type: none">• 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**.
- Achieved Global Rank 1077 in a LeetCode Weekly Contest among 20,000+ participants
- **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 Sonapat:** 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