

ARPIT SHRIVASTAVA

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PROFESSIONAL SUMMARY

Aspiring Software Engineer skilled in full-stack MERN development and real-time web apps, with 370+ DSA problems solved and experience building scalable systems.

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) Sonapat	Expected: July 2026
Bachelor of Technology in Information Technology	CGPA: 8.6
Metropolis International School, Gwalior, MP	2014 – 2022
Central Board of Secondary Education (CBSE)	Percentage: 95%

PROJECTS

🔗 WeTawk — Real-Time Chat Application Dec 2024 – Feb 2025

Tech Stack: MERN, Socket.io, Zustand, TailwindCSS, Vite

- Achieved a 40% reduction in message latency (200 ms → 120 ms) by implementing WebSocket communication with Socket.io and optimizing the real-time data flow pipeline.
- Engineered a scalable MERN application supporting 1,000+ concurrent users through JWT-based authentication, MongoDB indexing, and efficient global state management using Zustand.
- Reduced initial page load time by 35% (3.0s → 2.0s) via code splitting, lazy loading, and Vite's build optimizations.
- Boosted user engagement by 60% through real-time features like online/typing indicators and instant message delivery using an event-driven architecture.

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

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

- Increased user engagement by 40% with a responsive blog platform featuring real-time comments and JWT authentication.
- Built a scalable full-stack blog using Node.js, Express.js, MongoDB, and EJS for dynamic server-rendered content.
- Implemented JWT-based authentication with protected routes to ensure user data privacy and security.
- Crafted a clean, responsive UI using Bootstrap 5 with optimized layouts and media for seamless UX across devices.

CODING ACHIEVEMENTS

- Solved 370+ 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, Content & Social Media) from 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