

Arpit Chauhan

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EDUCATION

Indian Institute of Information Technology, Bhopal

Bachelors of Technology – Computer Science Engineering (CSE)

August 2023 – May 2027

CGPA 8.68

Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming, Software Engineering Fundamentals.

PROFESSIONAL EXPERIENCE

Axios Development Club, IIIT Bhopal | Vice-President

September 2025 – Present

- Directed in 8+ events with 100+ participants each and conducted orientation/mentorship for 500+ freshers, driving large-scale engagement.
- Increased club visibility by 80% through strategic media campaigns and coordination across tech & non-tech teams.

Axios Development Club, IIIT Bhopal | Assistant Web Dev Lead

August 2023 – July 2024

- Developed and maintained the official club's website (100+ monthly visitors), simplifying access to resources and events.
- Collaborated with teammates to deliver Web Dev week with 4 technical sessions for 200+ peers in web development, fostered community learning.

ACADEMIC PROJECTS

Trust-Message - Next.js 15 project

[LIVE SITE](#)

- Built an anonymous feedback platform with Dockerized deployment for scalable and isolated environments.
- Implemented custom authentication and Google OAuth using Auth.js with Credentials Provider and OTP verification via Resend, ensuring secure and frictionless onboarding.
- Integrated AI-powered feedback recommendations with Gemini 2.5 Flash and Vercel AI SDK, cutting response time by 300 ms for enhanced real-time UX.
- Optimized MongoDB queries using Aggregation Pipeline, improving data fetch and filtering performance by ~20%.

Tomato. - MERN Stack project

[LIVE SITE](#)

- Built a food delivery website with real-time order tracking and secure Stripe payments, tested for 20+ concurrent users.
- Implemented JWT-based authentication and role-based authorization for 2 types of users (customer & admin).

CI/CD & Deployment - DevOps project

[GITHUB](#)

- Set up the deployment of an existing Django app by integrating Jenkins CI/CD.
- Containerized the application with Docker Compose integrating MySQL and Nginx, deploying on AWS EC2.
- Configured automated build triggers for faster feature rollouts, improving deployment efficiency by ~40%.
- Outcome: 99% uptime, faster updates with automated pipelines.

MERN Chat App - Kubernetes project

[GITHUB](#)

- Deployed an existing MERN chat app on Kubernetes using custom yaml manifests for deployments, services, and volumes, Tested in 3-node cluster Minikube for local orchestration.

ACHIEVEMENTS & CERTIFICATES

- Completed over 350 algorithmic challenges on LeetCode and ranked in the top 13.78% globally with a peak score of 1689 and best rank of 467, showcasing advanced proficiency in competitive coding environments.
- Demonstrated strong competitive programming skills by achieving rating 1647 on CodeChef, ranking under 100 globally in CodeChef Starters among 35,000+ participants, and attaining Pupil rank on Codeforces with a peak rating of 1352.
- Spearheaded digital outreach by managing all official social media platforms of Social Media Manager, IEEE IIIT Bhopal SB (2023–24), driving 1,000+ new followers and significantly boosting event visibility and engagement.
- Qualified for Round 1 of Flipkart Grid 6.0, ranking 8,165 out of 484,302 participants (top 1.7%).
- Ranked in the top 2% among 1.2 million candidates nationwide, reflecting strong analytics, and academic excellence.

SKILLS

- Programming Languages:** C/C++, Python, JavaScript, TypeScript, MATLAB, HTML/ CSS.
- Development Tools:** npm, Git, GitHub, Postman, Docker, AWS, Jenkins, Kubernetes, Terraform, Prometheus, Vercel.
- Frameworks and Libraries:** ReactJS, NextJS, NodeJS, shadcn/ui, Tailwind, Bootstrap.
- Operating Systems:** MacOS, Windows, Linux(Ubuntu).
- Databases:** MongoDB, MySQL, PostgreSQL, Firebase Firestore.
- Relevant Coursework:** DSA(C++), OOPs, DBMS, Computer Networks, Full-Stack Web Development.
- Soft Skills:** Leadership, Team Management, Creativity, Public Speaking, Co-ordination.