Aaditya Pahariya

B. Tech, Computer Science, MANIT Bhopal (Expected 2026)
Roll No.: 2211201111

📞 +91-9829259406
✉ aadityapahariya@gmail.com
⊙ GitHub Profile
in LinkedIn Profile

LeetCode   Codeforces   CodeChef   GitHub

Summary

Motivated and detail-oriented Computer Science undergraduate at MANIT Bhopal with hands-on experience in full-stack web and mobile development, competitive programming, and AI-powered applications. Skilled in networking fundamentals including TCP/IP, DNS, HTTP/S, and REST APIs, with practical knowledge of cloud platforms (AWS, Docker) and cybersecurity best practices. Proven ability to lead technical workshops, contribute to high-impact team projects, and apply engineering principles to solve real-world challenges. Eager to bring technical acumen in network engineering, cloud computing, and secure software development, along with collaborative energy and problem-solving skills, to cutting-edge technology teams.

Education

- **MANIT Bhopal** — *2026*
  National Institute of Technology, Bhopal — CGPA: **7.91**

Experience

- **Zenith (Programming Club, MANIT)** — *2024 - Present*
  Member — Bhopal
  - **Competitive Programming**: Solved 100+ complex coding challenges and participated in national hackathons.
  - **Workshops**: Conducted 5+ technical workshops, mentoring 200+ students.
- **TechnoBoost** — *May – June 2024*
  Flutter Developer Intern — Bangalore
  - **Secure Feature Integration**: Implemented OTP-based and contact-sharing features with secure authentication, enhancing user trust and compliance with data privacy practices.
- **AlignTogether** — *June 2025 – Present*
  Software Development Intern — Bhopal
  - **Scalable Web Systems**: Developed responsive frontend components and optimized backend APIs for performance and reliability using RESTful design and MySQL, following Agile practices.
- **UBS Hackathon** — *March 2025*
  Finalist — Pune
  - **Participation**: Participated in a national-level hackathon hosted by UBS, where I collaborated in a multidisciplinary team to develop a fintech prototype within 24 hours, addressing real-world banking challenges.

Skills & Technologies

- **Networking & Cloud**: TCP/IP, DNS, HTTP/S, REST APIs, WebSockets, Docker, AWS (basic), Firebase, Clerk Auths
- **Languages**: C, C++, JavaScript, TypeScript, Python
- **Development**: HTML, CSS, ReactJS, Next.js, NodeJS, Express, Flutter, Bootstrap, ShadCN UI
- **Database**: MongoDB, Firebase, MySQL
- **Tools**: Git, GitHub, VS Code, Postman, Thunder Client, Docker, Clerk, Android Studio

Projects

- **Chat Gemini** — *Real-Time AI Chat System (ReactJS, NodeJS, Gemini API)*
  Developed a scalable AI-powered chat system with real-time message routing, session handling, and secure communication protocols using Google's Gemini API. Integrated WebSocket communication for instant response and dynamic UX.
- **ScoreX** — *AI Resume Screening Platform (ReactJS, FastAPI, NLP)*
  Designed a SaaS-like platform to automate candidate-job matching using NLP, cosine similarity, and visual analytics; built secure REST APIs and deployed on cloud infrastructure with Docker. Incorporated CSV parsing and token-based scoring with chart-based result feedback.
- **Codeforces Visualizer** — *DevTool for Competitive Analysis (ReactJS, Codeforces API)*
  Built a responsive frontend consuming REST APIs to visualize programmer stats; designed for scalability and high user concurrency. Added graph visualizations and contest timeline breakdown to improve performance analysis.

Leadership & Extracurricular Activities

- **Technical Head, Tooryanaad (Hindi Cultural Society)**: Led all technical initiatives including website management, digital promotions, and event tech support for MANIT's flagship cultural fest; integrated online registration systems and managed cross-platform content dissemination.
- **Technical Workshop Lead**: Organized and conducted hands-on coding workshops for peers, promoting technical skill development and fostering a collaborative learning environment.

Technical Achievements

- **Problem Solving**: Solved **350+** DSA problems across platforms, demonstrating strong algorithmic and system-level thinking.
- **Networking Fundamentals**: Completed self-paced modules on Computer Networks, OSI Model, TCP/IP, and DNS resolution as part of Cisco Networking Academy.
- **JEE Performance**: Secured **99.345 percentile** in JEE Mains and qualified JEE Advanced with an All India Rank (AIR) of **6925**, showcasing strong foundational knowledge in Physics, Chemistry, and Mathematics.