

ADITYA KUMAR

Purnia, Bihar, India

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Education

National Institute of Technology Patna

Nov. 2022 – Jun. 2026

B.Tech in Electronics and Communication Engineering

Patna, Bihar

Relevant Coursework

- Data Structures
- Algorithms
- Operating Systems
- Computer Networks
- System Design
- Object-Oriented Programming
- Web Technologies

Technical Skills

Programming: Python, C++, SQL

Web Development: React, Node.js, Express.js, Next.js, REST APIs, Tailwind, HTML5, CSS3

Databases: MongoDB, MySQL, MongoDB Atlas

Tools & Frameworks: Git, GitHub, Visual Studio Code, Postman, Vercel

Core CS: Data Structures, Algorithms, OOP, Operating Systems, Computer Networks, DBMS

Experience & Virtual Internships

Software Development Intern

Jun. 2025 – Present

Bluestock, Pune

Remote

- Assigned to design and develop a full-stack IPO web application using the MERN stack.
- Responsible for building frontend components in React and developing secure backend APIs with Node.js and MongoDB.
- Collaborating remotely with the tech team to ensure scalable architecture, responsive UI, and seamless user experience.

Software Engineering Virtual Experience — Accenture Nordics

May 2024

Virtual Intern

Remote

- Developed microservices with Java and Spring Boot, implemented CI/CD pipelines, and adhered to Agile best practices for seamless project execution.

STEM Connect Virtual Internship — Deloitte Australia

Apr. 2024

Virtual Intern

Remote

- Analyzed cybersecurity datasets using Python, Excel, and Tableau, extracting actionable insights and presenting results for stakeholders.

Projects

• CodeMatch DSA Buddy Matcher

- Currently designing and building a peer-learning and matchmaking platform for DSA learners using the MERN stack and WebSocket.
- Developing REST APIs and integrating OpenAI to enable intelligent pairing and real-time chat between matched users.
- *Project is under active development; full release expected soon.*

• Personal Portfolio Website Live Demo — 🌐

- Developed and deployed a personal portfolio site, showcasing **6+ projects** and **10+ technical skills**.
- Integrated **3 external APIs** (GitHub, LeetCode, LinkedIn) for live activity feeds, attracting **500+ unique visitors**.
- Achieved a **100% Lighthouse accessibility score** and ensured mobile responsiveness across **20+ device sizes**.

• Bihar Tourism Guide Live Demo — 🌐

- Developed an interactive website featuring **25+ heritage sites** and **10+ local festivals**.
- Achieved a **90+ PageSpeed score** and seamless mobile navigation for **300+ monthly users**.
- Enhanced accessibility and performance, reducing page load times by **40%**.

Certifications & Achievements

- LeetCode Rating: 1580+, active participant across 13 contests.
- Completed Graph Camp by AlgoUniversity (Advanced Graph Theory).
- JEE Mains 2022: 99.89 percentile in Physics (AIR 20,094).
- Achieved top 5% in NPTEL Computer Networks (among 6,300 candidates).

Extracurricular Activities & Interests

- Regularly solve challenging questions on platforms like LeetCode and GeeksforGeeks, strengthening problem-solving and coding abilities.
- Engage in open-source projects and peer coding sessions to hone collaborative coding and review practices.
- Strong interest in exploring emerging technologies across Web Development, Cloud Services, Distributed Systems, and DevOps.