

DEEPAK SHARMA

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EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY RAICHUR

Bachelor of Technology in Computer Science

May 2026

Relevant Coursework: Computer Network, Data Structures & Algorithms, Database Management Systems

WORK EXPERIENCE

IIIT Raichur – Official College Website Project | Team Lead

Jun 2023 – Sep 2024

- Directed a 5-member team to architect and maintain the official IIIT Raichur website.
- Implemented dynamic dashboards and automated content management, reducing manual updates by **60%**.
- Planned a scalable architecture supporting **1,000+ concurrent users**, ensuring performance and reliability.

PROJECTS

CivicBriefs.AI | FastAPI, LangChain, SQLModel, OpenAI API, APScheduler [Github]

Nov 2025

- Expanded an autonomous UPSC mentor that curates news, links PYQs, and generates LLM-based quizzes.
- Built an agentic orchestration pipeline autopilot.py automating APIs, schedulers, and reports.
- Added adaptive study plans and email delivery for daily capsules and weekly insights.

Crime Map Application [Github]

Aug 2024

- Developed an interactive crime visualization platform using Flask, Python, and Leaflet.js.
- Built APIs to provide city-level safety analytics and crime hotspot insights.
- Created geospatial zone classification for data-driven decision-making.

AIMS Connect - Academic Mentorship Platform [Deployed on Vercel]

Nov 2023

- Enhanced the AIMS portal to solve mentor discovery issues for faculty and course navigation challenges for students.
- Built a user-focused academic system improving mentorship matching and academic resource access.
- Deployed the application for live usage with scalable and responsive design.
- Hosted the project on Netlify for live demonstration and accessibility.

LEADERSHIP & ACTIVITIES

NATIONAL SERVICE SCHEME (NSS)

Head of Events & Chapter Lead

Jan 2024 – Present

- Led a **30+ member team** to design, plan, and execute community-driven projects.
- Coordinated sustainability initiatives (tree plantation, campus cleanliness), tracking measurable outcomes.
- Organized campaigns on health, social, and environmental issues, reaching **500+ community members**.

TECHNICAL SKILLS

Programming Languages: Python, C, C++, Java, HTML/CSS, JavaScript, Bash, Shell Scripting

Databases: MongoDB, SQL

Technologies & Frameworks: React.js, Express.js, React Native, Node.js, REST APIs, Flask, FastAPI, JWT

DevOps & Tools: Git, GitHub, Docker, CI/CD

ACHIEVEMENTS

- Solved **300+** Data Structure & Algorithms problems across [Leetcode](#), [GFG](#).
- **Google Solution Challenge** (95,000+ participants): Built a system-driven social impact solution.
- **Microsoft Imagine Cup**: Built a scalable backend and AI-enabled software prototype.

