

## Abhigyan Tripathi

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### EDUCATION

**Manipal Institute of Technology**, Bengaluru, Karnataka  
*B. Tech in Computer Science (Specialising in Cybersecurity)*

**GPA: 9.33 / 10.0**  
Expected Graduation 07 / 2026

### SKILLS

- JavaScript, TypeScript
- Java, C, Python
- HTML / CSS / Sass
- Tailwind CSS
- React / Next.JS
- Dart / Flutter
- MySQL, SQLite
- Git, Docker, Vercel
- FastAPI, Django, Sanic

### WORK EXPERIENCE

- 06 / 2024 – 06 / 2024    **Reliance Industries Limited**    (Python, Jupyter, Anaconda, Linux)  
*Software Engineering Intern*
- Deployed a robust natural language processing tool to analyse and extract data from over 100,000 chest X-Ray reports, improving diagnostic efficiency and accuracy for radiologists
  - Configured Linux software on 6 PCs to support remote ICU units, increasing the efficiency of patient monitoring and reducing response time in inaccessible hospital locations by 35%
  - Designed MRI defacing pipelines, conducting anonymisation of sensitive patient data and ensuring 100% compliance with central data protection guidelines
- 01 / 2024 – 06 / 2024    **Indian Army Establishment (CME Pune)**    (Next.JS, PostgreSQL, Docker)  
*Software Engineering Intern*
- Innovated and managed a student management life cycle portal for educational operations of 600+ students and staff, improving input data accuracy by 30% and TAT by 60%
  - Executed server deployment on the university's local network with Docker containers, safeguarding sensitive information from leaking to the internet

### PROJECTS / OPEN-SOURCE

- 11 / 2022 – Present    **Club Centralisation Project**    (Next.JS, MongoDB, Sanic, Flutter)  
*Co-Founder & Developer*
- Composed a streamlined website framework with Notion API integration, reducing content management time by 50% and enhancing website performance metrics
  - Created a centralised communication platform for a 4000+ student campus, cutting advertisement costs by 84%
- 11 / 2021 – Present    **Discord API Wrapper (Disnake)**    (Python, React, TypeScript)  
*Library Maintainer, Project Lead*
- Developed and maintained a popular Python library with over 800,000 monthly downloads in Q4 2022
  - Spearheaded documentation efforts with a user-friendly onboarding guide, cutting new developer onboarding time by 25% and enhancing team knowledge sharing

### AWARDS / LEADERSHIP

- 11 / 2022 – Present    **CodeX, MIT Bengaluru**    *President, Head of Software Development*
- Conducted events and a rebranding campaign that grew a technical club's membership by 300% and fostered personal and professional growth for over 700 members
  - Mentored and assessed a diverse group of 50+ students, ensuring the successful execution of projects through personalised support and training