

# Ayush Goyal

goyal.ayush2424@gmail.com | +91 7587536027 | LinkedIn: [AyushGoyal](#) | GitHub: [Ayushhgi](#)

## EDUCATION

### Lakshmi Narain College Of Technology

B-tech in Computer Science

Bhopal

Sep 2023 – Expected Jun 2027

- o **Concentrations:** Data Structures and Algorithms.
- o **GPA:** 8.78/10.0 (till fourth semester).
- o **Related Coursework:** Data Structures & Algorithms, Computer Organization & Programming, Object-Oriented Programming, Software Engineering, Operating System.

### City Montessori Higher Secondary School, Morena

Class 12th: M.P Board, Madhya Pradesh

Apr 2022 – Mar 2023

Percentage: 87%

## EXPERIENCE

### Full Stack Developer Intern | KLIC Incubation Center

Oct 2024 – Dec 2024

- Built an interactive web interface using React.js, HTML, CSS, and Bootstrap to improve usability and responsiveness.
- Designed and deployed 10+ RESTful APIs with Node.js and Express.js to support core features like authentication, coupon management, and secure transactions.
- Reduced backend latency by 30% through asynchronous programming and optimized API structures.
- Collaborated with a 5-member cross-functional team under KLIC Incubation Center, ensuring seamless coordination between frontend, backend, and deployment workflows.

## PROJECTS

### Meet Hub – Real-Time Video Conferencing Platform [LIVE](#)

LNCT, Bhopal

Team Lead

Feb 2025 – Jul 2025

- Developed and deployed a scalable real-time video conferencing platform supporting 100+ concurrent participants with secure, peer-to-peer meeting rooms using WebRTC, achieving 99.9% uptime.
- Implemented WebRTC for peer-to-peer audio/video streaming and Socket.IO for real-time signaling, reducing server load by 35% and achieving latency under 200ms in live sessions.
- Implemented CI/CD pipelines for Meethub using automated build, test, and deployment workflows, ensuring reliable, scalable, and error-free platform updates while improving release velocity.
- **Tech Stack:** JavaScript | Node.js | Express.js | MongoDB | React.js | Tailwind CSS | REST APIs | WebRTC | Socket.IO | JWT Authentication | CI/CD

### Wanderlust – Travel Planning Platform [LIVE](#)

LNCT, Bhopal

Team Member

Dec 2023 – May 2024

- Built a full-stack hotel listing and review platform using MVC architecture for scalability and maintainability.
- Developed and implemented RESTful APIs for authentication, listings, and reviews, reducing average API response time by 25% and enabling the system to handle 5K+ monthly requests.
- Optimized MongoDB queries to enable seamless CRUD operations for hotel and review management, reducing query execution time by 25%.
- **Tech Stack :** JavaScript | Node.js | Express.js | MongoDB | React.js | REST APIs | Bootstrap | EJS | Cloudinary

### URL Shortener – Web-Based URL Management System [LINK](#)

LNCT, Bhopal

Personal Project

Sep 2024 – Oct 2024

- Created a scalable platform handling 10K+ requests/day with 99.9% uptime, ensuring reliable and fast redirection.
- Implemented RESTful APIs for link creation, redirection, and analytics, reducing lookup time by 28%.
- Integrated role-based authentication and developed a dashboard for managing and tracking links, improving user efficiency by 35%.
- **Tech Stack :** Node.js | Express.js | MongoDB | Tailwind CSS | REST APIs | JWT Authentication | Bootstrap | EJS | Cloudinary

## ACHIEVEMENTS

- Solved 308+ Data Structures and Algorithms problems on LeetCode and GeeksforGeeks, building strong proficiency in arrays, strings, linked lists, stacks, queues, graph and DP-based problems.
- Achieved 100 Days Badge (2025) on LeetCode with 1100+ submissions, demonstrating consistent practice in algorithms and data structures.

## SKILLS

**Programming Languages:** Java, C++

**General Concepts:** Data Structures, Algorithms, Object-Oriented Programming, Operating Systems, Microservices Architecture.

**Frontend Frameworks:** HTML5, CSS5, JavaScript, React.js, BootStrap.

**Backend Frameworks:** Node.js, Express.js, REST APIs.

**Databases:** MongoDB, MySQL, PostgreSQL.

**DevOps / Containerization / CI/CD:** Kubernetes, Docker, CI/CD Pipelines.

**IDEs & Tools:** Visual Studio, Postman.

**Version Control:** Git, GitHub.

## CODING PROFILE

LeetCode://[Ayush\\_Goyal24](#)    GFG://[AyushGoyal](#)