

Ayush Goyal

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EDUCATION

Lakshmi Narain College Of Technology <i>B-tech in Computer Science</i>	Bhopal <i>Sep 2023 – Expected Jun 2027</i>
<ul style="list-style-type: none">o Concentrations: Data Structures and Algorithms.o GPA: 8.78/10.0 (<i>till fourth semester</i>).o Related Coursework: Data Structures & Algorithms, Computer Organization & Programming, Object-Oriented Programming, Software Engineering, Operating System.	
City Montessori Higher Secondary School, Morena <i>Class 12th: M.P Board, Madhya Pradesh</i>	<i>Apr 2022 – Mar 2023</i> <i>Percentage: 87%</i>

EXPERIENCE

Full Stack Developer Intern KLIC Incubation Center <i>Oct 2024 – Dec 2024</i>	
<ul style="list-style-type: none">• 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 <i>Team Lead</i>	LNCT, Bhopal <i>Feb 2025 – Jul 2025</i>
<ul style="list-style-type: none">• 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 <i>Team Member</i>	LNCT, Bhopal <i>Dec 2023 – May 2024</i>
<ul style="list-style-type: none">• 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 <i>Personal Project</i>	LNCT,Bhopal <i>Sep 2024 – Oct 2024</i>
<ul style="list-style-type: none">• 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

<ul style="list-style-type: none">• 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.	
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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](#)