

Param Yadav
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GitHub: <https://github.com/ParamYadav1978>
LeetCode: <https://leetcode.com/u/ParamYadav1978/>

Education

VIT Bhopal University

Bachelor of Technology in Computer Science and Engineering
CGPA: 8.86/10

09/2022 - 05/2026

Bal Bhavan International School

Class X: 87.33% | Class XII: 72.8%

04/2018 - 07/2021

Skills

Programming Languages: Java, Python.

Frontend: React.js, HTML, Figma, SASS, CSS, JavaScript, Bootstrap, Tailwind,

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

Database: MySQL, MongoDB

Tools: GitHub, Postman, Power BI, AWS Fundamentals.

Soft Skills: Strategic Thinking & Execution, Effective Communication, Critical Decision-Making

Technical Foundations: Object-Oriented Software Development, Database Management Systems (DBMS), Computer Networking Fundamentals

Projects

QuickStay

06/2025 – 08/2025

- Engineered a hotel booking system with React.js, Node.js, and MongoDB, scaling to 10+ listings across 15+ cities.
- Implemented multi-parameter search and filters (location, price, availability), improving traveler booking efficiency by 35%.
- Deployed on Vercel with performance tuning, sustaining <200ms API response time and 90.9% uptime.
- Integrated Clerk authentication with role-based permissions, ensuring secure access for 10+ users and enhanced security.
- Key Features: Hotel Listings, Advanced Filters, Secure Authentication, High-Performance APIs.

ContriGuide — AI-Powered Open Source Contribution Platform

08/2025 – 09/2025

- Orchestrated a full-stack contribution discovery platform using the MERN stack with chatbot assistance.
- Created a filtering system based on skill, technology, and domain, reducing project search time by 45% during testing.
- Leveraged OpenAI APIs for personalized project suggestions, improving contributor engagement by 30%.
- Architected a reliable backend with REST APIs and optimized queries, handling 20+ data requests per day securely.
- Key Features: AI Chatbot, Personalized Recommendations, Skill-Based Filters, GitHub Redirection.

Book A Doc

03/2025 – 04/2025

- Designed a doctor appointment system on the MERN stack with secure login and real-time scheduling.
- Streamlined appointment flow, reducing booking time by 40% and ensuring 95% confirmation accuracy in trials.
- Delivered an admin dashboard to manage 50+ doctors and schedules, improving task resolution speed by 25%.
- Built and maintained backend REST APIs with indexed queries, supporting 20+ daily requests while ensuring secure data flow.
- Key Features: Responsive UI, Admin Dashboard, Real-Time Booking, Cross-Device Compatibility.

Certifications

MongoDB Database Administration

06/2025 – 07/2025

- Gained hands-on experience in database installation, schema design, indexing, replication, sharding, and performance tuning using MongoDB.

IBM Cognitive Class – Generative AI Certificate

04/2025 – 05/2025

- Learned fundamentals of generative AI, prompt engineering, and practical applications of large language models.

MERN Stack (Smart-Bridge)

04/2025 – 05/2025

- Designed and deployed web applications with MongoDB, Express.js, React.js, and Node.js; implemented REST APIs and authentication workflows.

Achievement

- Awarded design patent (2023) for a novel 360° air circulation system, featuring unique blade geometry to optimize airflow distribution.