

Deepansh Vishwakarma

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Skills

Languages: C++, Java, JavaScript

Technologies & Tools: NodeJS, Express, RestApi, ReactJS, Tailwind, Docker-Container, Git, Vercel, Postman, Gen-AI

DataBase: MongoDB, Postgres with Prisma

Education

Oriental College of Technology, Bhopal

[B.Tech in Information Technology](#)

Oct 2022 - May 2026

CGPA:7.00/10

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Data Mining, Advance Data Structures and Algorithms, Information Retrieval, Image Processing

Project Work

LeetLab – A LeetCode-style Coding Platform

- Developed a full-stack coding platform inspired by LeetCode, supporting user roles (Admin/User) with secure authentication and authorization using JWT and bcryptjs.
- Integrated Judge0 API to execute and evaluate code submissions in multiple languages in real-time.
- Admins can manage problem sets, while users can practice coding challenges with a seamless UI.
- Ensured secure backend operations and role-based access control for a scalable platform experience.

Groq AI Agent – A Fullstack AI Chat Assistant

- Integrated LLM logic via Groq SDK to power context-aware responses with function-calling capabilities.
- Developed a secure Node.js + Express backend, exposing REST APIs to interact with the agent.
- Designed a modern React + Vite frontend with Markdown rendering, syntax highlighting, and Dark Mode UI.

Authentication System with Prisma ORM

- Built a secure role-based authorization system using Prisma ORM with a PostgreSQL database.
- Implemented user registration and login functionality with encrypted passwords using bcryptjs.
- Designed scalable schema models with Prisma and efficiently managed relational data access.

Work Experience

CipherByte Technologies

[Front-end Developer](#)

May 2023 - June 2023

- Work accordingly to the task given by the Internship Mentors.
- Adding more functionalities and Responsiveness to the Website.

Extra -Curricular

Technical Content Writer

Platforms: [GeeksforGeeks](#), [Hashnode](#)

- Authored articles based on programming languages, data structures and algorithms, and software development practices.
- Developed and tested code snippets and examples for inclusion in articles.
- Applied SEO best practices to improve article visibility and drive web traffic.
- Authored over 10 comprehensive articles on the platform, covering topics such as the MERN stack, Java programming, coding best practices, and PCM (Physics, Chemistry, Mathematics) subjects at the intermediate school level.

Awards and Certificates

Postman API Fundamentals Student Expert :

 [certificate](#)

Achieved Postman Student Expert certification by completing API fundamentals and practical challenges.

Intermediate Object-Oriented Programming:

 [certificate](#)

Gained hands-on experience with core OOP principles in Java, including class design, interfaces, and objects.

Instagram Content Creator :

 [codebydeep](#)

Built and actively manage a growing tech community of 5.5K+ followers on Instagram, sharing daily content on JavaScript, DSA, Web Development.

- Solved more than 250 DSA problems on various platforms like GFG, Leetcode and HackerRank.