Ayush Vishwakarma

Portfolio| Github
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EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY

B.TECH IN INFORMATION TECHNOLOGY

2026 | Gwalior, Madhya Pradesh
CGPA : 8.18

PT. LAJJA SHANKAR JHA MODEL HIGH SCHOOL

INTERMEDIATE

2022 | Jabalpur, Madhya Pradesh

COURSEWORK

UNDERGRADUATE

Object Oriented Programming
Database Management System
Computer Networks
Data Structures
Computer Organization and Architecture

SKILLS

PROGRAMMING

Languages:
•Intermediate:- C++, C, Javascript , Typescript , SQL
•Novice:- Go
Web
•HTML, CSS
Frameworks
•React, Express , Tailwind , NextJs
Databases
•MongoDB, Postgres
Libraries
•Node.js , Redux
Others
•Git , Github , Bash , Postman

ACHIEVEMENTS

•Solved 200 + questions in leetcode.
•HO 3 (Quine track) Winner

EXPERIENCE

HACKODISHA 3.0 | WINNER

Sept 2022 | Remote
- Led the development of the Tool.ai project in collaboration with the Dominion team during a 36-hour virtual hackathon, demonstrating strong teamwork, unwavering dedication, and technical proficiency.
- Achieved first place in the Quine track, underscoring the project's excellence and highlighting my ability to deliver high-quality solutions within challenging time constraints.
- Maked an integration of helpful AI tools like URL Shortener, Rephraser etc using HTML,CSS and Javascript.

HACKTOBERFEST | OPEN SOURCE CONTRIBUTER

Oct 2022 – Nov 2022 | Remote

- Successfully merged over 10 pull requests across diverse web-based projects contributing valuable features, enhancing user experience and functionality.
- Contributed in calc-for-everything project using React and Material UI.

PROJECTS

LINKSHORT- URL SHORTENER | MONGODB , EXPRESS, REACT, NODE

Links:
Live Website Backend Frontend
- Built a comprehensive **URL Shortening Service** using Node.js as the server and MongoDB as the database, hosted on Vercel for seamless deployment.
- Implemented a unique feature where each shortened URL is accompanied by a dynamically generated QR code using the Google Charts API. This QR code is compatible with Google Lens, enabling users to easily scan the original URL.
- Provided users with a user-friendly interface to view their history of both shortened and original URLs. Users have the option to delete any URL from their history.
- Enhanced user customization by allowing them to create custom short URLs, providing a personalized touch to their links.
- Implemented authentication using JSON Web Tokens and developed efficient REST APIs for secure and reliable communication between the client and server.

LEARNING MANAGEMENT SYSTEM | MERN, RAZORPAY, CHART.JS

Links:
Live Website Backend Code Frontend Code
- Implemented authentication using JSON Web Tokens and developed efficient REST apis for secure and reliable
- Leveraged the power of Redux Toolkit for efficient state management, optimizing the overall performance of the application. communication between the client and server. Implemented multer for seamless images and video upload.
- Integrated Razorpay Payment Gateway, allowing users to effortlessly purchase courses through a reliable and widely-used payment system.
- Developed an ADMIN Dashboard using Chart,js for analytics and to add or remove courses. Integrated NodeMailer for password recovery.