Vishal Vishwakarma

📞 (+91) 747-054-6275 ✉️ vishal.vishwakarma.dev@gmail.com in LinkedIn ⭘ GitHub ⬡ Leetcode 🔗 Portfolio

Experience

Software Engineer - Intern

Tecell India Private Limited | Remote   **Feb 2025 - Present**

- Developing and maintaining backend APIs using **Node.js.**
- Working with **AWS CodeCommit** for version control and collaboration.
- Managing and optimizing databases, including **DynamoDB** and **MariaDB SQL**.
- Implementing **AWS Lambda** functions in **Node.js** for serverless execution.
- Managing API integrations and contributing to backend architecture and system design.

Projects

Food Share | *React.js, Recoil, Express.js, MongoDB, Node.js, Tailwind CSS, cloudinary*   Live Demo | GitHub

- Built a platform connecting restaurants with surplus food to NGOs using **React.js**, **Recoil**, and **Tailwind CSS**.
- Engineered **RESTful APIs** with **Node.js** and **Express.js** for seamless backend communication and efficient data handling.
- Secured the application using **JWT** for authentication, **bcrypt** for password hashing, and **Zod** for input validation.
- Integrated **Cloudinary** for scalable image storage, reducing server dependency by **30%**.
- Leveraged **MongoDB** for scalable data storage, supporting thousands of user and donation records.

Image Gini | *Node.js, React.js, Express.js, MongoDB, Tailwind, Razorpay*   Live Demo | GitHub

- Designed a responsive **React frontend** with **Tailwind CSS** for smooth user experience.
- Built a secure **Node.js backend** with **Express, JWT, and Bcrypt** for user management.
- Used **MongoDB** to enable a credits-based system for AI generation tracking.
- Integrated **Razorpay payment gateway** for secure, real-time payment processing.
- Implemented **Generative AI (text-to-image models)** for text-to-image creative functionalities.

Crypto Watch | *HTML, CSS, JavaScript, React.js, Web API, Chart.js*   Live Demo | GitHub

- Created a cryptocurrency tracker supporting real-time data for 90+ cryptocurrencies using **React.js** and **Web API.**
- Integrated **Chart.js** to visualize market trends, enhancing data comprehension and increasing user engagement by **20%**.
- Implemented responsive design using **Tailwind CSS**, improving user accessibility across 10+ devices.
- Improved user experience with **React Router DOM** for seamless page transitions.

Skills

Programming Languages: JavaScript, C, C++, Java, Typescript

Web Technologies: HTML, CSS, Tailwind CSS, REST APIs, JSON

Frameworks & Libraries: React.js, Next.js, Redux, Recoil, Node.js, Express.js, Chart.js, Axios

Databases: SQL, MongoDB

Tools: Git, GitHub, Postman, Cloudinary, Vercel, Netlify, Render

CourseWork: Data Structures and Algorithms, Object-Oriented Programming (OOP) with C++, Database Management System, Operating System, Full Stack Development

Education

Mahakal Institute of Technology and Management, R.G.P.V., Ujjain, India   **2022-2024**
Master of Computer Application (MCA) — (7.4 CGPA)   *Ujjain, INDIA*

Advance Science and Commerce College, Vikram University, Ujjain, India   **2018-2021**
Bachelor of Computer Science (BSC-CS) — (7.4 CGPA)   *Ujjain, INDIA*