

Vishnu VP

MERN Stack Developer

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Profile Summary

MERN Stack Developer with experience in building and deploying scalable web applications using React, Node.js, Express, and MongoDB. Skilled in clean coding, performance optimization, and problem solving. A collaborative team player passionate about learning and contributing to impactful projects.

Technical Skills

Frontend: React, Javascript, Tailwind CSS, Bootstrap, CSS, HTML
Backend: Node.js, Express, MongoDB, Firebase, REST APIs
Version Control: Git, GitHub
Programming Languages: TypeScript, JavaScript
Database: MongoDB (NoSQL), SQL Server
Cloud Technology: AWS, EC2, Nginx, S3, Vercel, Render, Cloudinary
Architecture and Design Patterns: MVC Architecture, Repository Pattern

Projects

Skillora - Freelance Platform And Project Management

[Live](#) | [GitHub](#)

A modern freelance marketplace and project management platform that connects freelancers and clients with seamless project collaboration, secure payments, and real-time messaging.

- Enabled contract creation with **Stripe** payment integration for projects.
- Integrated **Google Login** for user authentication.
- Designed role based functionalities for **Admin** (revenue, contract, user management), **Freelancers** (profile, work management, skills) and **Clients** (work posting, contract, hiring).
- Implemented the **Repository Pattern** using **Node.js**, **Express**, and **MongoDB** to ensure scalability.
- Built UI with **React**, **Tailwind** and **Shadcn** for seamless user experience.
- Secured with **JWT authentication** and **Refresh tokens** for robust session management.
- Utilized **Redux Toolkit** for efficient global state management and API integration.
- Used **Redis** for secure and efficient OTP storage.
- Deployed the backend on **AWS**, using **NGINX** and **Certbot** to enable SSL security.
- Deployed the frontend on **Vercel**, with **Cloudinary** storage.
- **Technologies used** : Node.js, Express, MongoDB, React, Tailwind CSS, Shadcn, Stripe, JWT, Redis, AWS, NGINX, Certbot, Vercel, Cloudinary.

Nexus - E-Commerce Platform

[Live](#) | [GitHub](#)

A web application that simplifies online shopping by providing features for product browsing, user authentication, and sales visualization.

- Developed an e-commerce platform with user login, registration, and validation using express-session for secure session management.
- Integrated **Razorpay** for the payments.
- Added image zoom and cropping features with **Cropper Js** and **Multer** for local image storage.
- Integrated **Google Login** for user authentication.
- Implemented the **MVC Architecture** using **Node.js**, **Express**, and **MongoDB** and **EJS** for dynamic content rendering.
- Enabled secure payments with **Razorpay** and implemented OTP-based account creation and password recovery with **Nodemailer**.
- Hosted on **AWS**, managed with **PM2**, served via **NGINX**, and secured with **Certbot SSL**.

- **Technologies and Tools** : Node.js, Express.js, MongoDB, EJS, Sharp, Multer, Chart.js, Axios, Razorpay, Nodemailer, AWS, PM2, NGINX, Certbot SSL, Bootstrap

Mini Projects

Todo - Task Organizer

[Live](#) | [GitHub](#)

- Developed a dynamic **To-Do application** to efficiently manage daily tasks with a clean and responsive user interface.
- Implemented features including task creation, completion tracking, editing, and deletion to improve user productivity.
- Built using **React.js**, leveraging component-based architecture.

Drafty - Blog Platform

[Live](#) | [GitHub](#)

- Developed a full-stack **Blog Platform** using **ReactJS**, **Express**, and **MongoDB**.
- Designed an intuitive and responsive user interface with **Tailwind CSS** to provide engaging blog management.
- Users can add, create, edit, and delete blogs including my blogs section.

CRUD - User Management

[GitHub](#)

- Developed a full-featured **User Management System** using **React**, **Node.js**, **Express**, **MongoDB**, and **TypeScript** for type safety and robust development.
- Implemented **JWT authentication** to ensure secure login and route protection.
- Integrated profile management, including profile picture uploads and profile editing.
- Designed a **Admin Dashboard** to manage users with functionalities like add, edit, delete, and search.
- Utilized **Redux Toolkit** for efficient state management and API interaction.
- Built a responsive UI using **Tailwind CSS**

Netflix Clone- Movie Streaming Platform

[GitHub](#)

- Utilized the **TMDB** API to fetch and display movie details such as titles, posters, and ratings.
- Enabled user authentication with **Firebase Auth** for secure login
- Developed frontend with **React**

Experience

Social Media Manager

2021 - 2022

KS Group Of Companies - Malappuram

Education

MERN Stack Development

2024 - 2025

Bootcamp - Calicut

B.A English

Persuing

Bharathiyar University