Reshna KP

MERN Stack Developer

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Profile Summary

Self-learned full stack developer with a strong grasp of designing, developing, and deploying scalable and efficient web applications. Enthusiastic to work as a web developer in an environment that encourages creative thinking and to be part of a dynamic team to contribute skills and experience to the team's success..

Experience

Frontend Developer   04/2025 – Present
Snapshare AI - Part-time
○ Currently working in a front-end focused role with an emphasis on UI/UX design, Material UI (MUI).
○ Responsible for translating design requirements into clean, maintainable, and scalable React components.

Full Stack Developer   02/2024 – 03/2025
RADTAR - Rural Agricultural Development Technology And Research - Full-time
○ Designed and implemented robust APIs for seamless communication between front-end and back-end.
○ Developed responsive and user-friendly web interfaces.
○ Integrated location-based features using Google Maps API.
○ Skilled in debugging and resolving technical issues efficiently.

Technical Skills

Frontend: React.js,Next js,JavaScript,Tailwind CSS, Bootstrap, CSS, HTML,Shadcn
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

Innshot - Room Booking   Live Link | GitHub

Innshot is a web application built using the MERN stack, designed for booking resorts and planning adventures based on location. Resort owners can register on the platform, where they can list their resorts, offer various adventure activities, and recommend destination places to travelers.

- ○ Using this platform users can book rooms and explore adventure activities, destination places near to the booked resort.
- ○ Designed role based functionalities for **Admin** (monitoring and managing Resorts, Destinations, and Adventures), **ResortOwners** (posting Resorts, Destinations, and Adventures) and **Travellers** (booking Resorts, Destinations, and Adventures).
- ○ Implemented the **MVC Pattern** using **Node.js**, **Express**, and **MongoDB** to ensure scalability.
- ○ Built UI with **React** , **Tailwind** for seamless user experience.
- ○ Secured with **JWT authentication** for robust session management.
- ○ Utilized **Redux Toolkit** for efficient global state management and API integration.
- ○ Deployed the backend on **AWS**, using **NGINX**.
- ○ Deployed the frontend on **Vercel**, with **Cloudinary** storage.
- ○ **Technologies used** : Node.js, Express, MongoDB, React, Tailwind CSS, Razorpay,AWS, NGINX,Vercel, Cloudinary.

Footwear - E-Commerce   Live Link | GitHub

Developed and designed a fully functional E-commerce website specializing in ladies footwear. This integrated solution empowers vendors to efficiently manage their ladies footwear products, inventory, and orders, while ensuring a seamless shopping experience for female customers. .

- Developed an e-commerce platform with user login, registration, and validation using express-session for secure session management.
- Integrated **Razorpay** for the payments.
- 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**.
- **Technologies and Tools** : Node.js, Express.js, MongoDB, EJS, Sharp, Multer, Chart.js, Axios, Razorpay, Nodemailer, AWS, PM2, NGINX, Bootstrap

Mini Projects

InkSpire - Blog Platform   Live Link | 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.

Netflix Clone– Movie Streaming Platform   GitHub

- Used **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**

Quiz Application   Live Link | GitHub

- Developed a full-stack MERN application with secure user authentication (password-based login/registration).
- Implemented an MCQ-based test system to evaluate user knowledge.
- Integrated a feedback submission module for collecting user responses and insights

Education

MERN Stack Development   2022 - 2024

Bootcamp - Calicut

BCA   2017 - 2020

Government Arts and Science College Tanur

Declaration

I hereby declare that the above information is true and correct to the best of my knowledge and belief.

Neerolpalam   07/17/2025

Reshna K P