

Vishal Rathore

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Summary

Software Developer with expertise in building dynamic and user-friendly web applications using HTML, CSS, JavaScript, and backend technologies like ExpressJS and MongoDB. Skilled in creating scalable solutions, including task management systems, real-time quiz games, and API-driven applications. Dedicated to delivering high-quality results and continuously learning new technologies to solve complex problems effectively.

Skills

- HTML
- CSS
- JavaScript
- Python
- MongoDB
- Mongoose
- ExpressJS
- NodeJS
- BootStrap
- Tailwind CSS
- Telegraf Library
- Linux CLI
- Git and GitHub
- Ubuntu
- Windows

Projects

Telegram Quiz Bot

Developed an interactive Telegram bot for quizzes with features such as:

- Category selection, real-time progress tracking, and user feedback.
- Built using Node.js, Telegraf, and MongoDB to deliver a smooth user experience.
- Enabled users to interact dynamically with bot-generated questions and track quiz scores.

GitHub Repository: [Link](#) — Demo Video: [Link](#)

Task Management App Using LocalStorage

Created a feature-rich task management app with:

- Dynamic task filtering based on priority (e.g., high, medium, low), status (completed/pending), and due date (e.g., today, next 7 days).
- Persistent data storage using `localStorage`, ensuring tasks are saved across page reloads.
- An interactive user interface for adding, editing, deleting, and organizing tasks seamlessly.

GitHub Repository: [Link](#) — Live Demo: [Link](#)

To-Do List Backend with Authentication

Built a secure backend for a To-Do app featuring:

- User authentication using JWT, ensuring secure access to individual to-do lists.
- CRUD operations (Create, Read, Update, Delete) on tasks, implemented with ExpressJS and MongoDB.
- Scalable architecture with a seamless and secure user experience for task management.

GitHub Repository: [Link](#)

Two-Player Trivia Quiz Game Using Trivia API

Developed an engaging two-player quiz game with:

- Dynamic question fetching from a Trivia API, categorized by topics and difficulty levels.
- Turn-based gameplay with real-time score tracking, offering a competitive experience.
- Feedback on performance at the end of each game session, with options to restart or end the game.

GitHub Repository: [Link](#) — Live Demo: [Link](#)

Weather App Using Fetch API

Created a weather app with real-time updates using:

- Integration of OpenWeatherMap API to fetch and display current weather and 5-day forecasts.
- Dynamic UI updates with asynchronous fetch requests, displaying temperature, humidity, and wind speed.
- Error handling mechanisms to notify users in case of invalid city input or network issues.

GitHub Repository: [Link](#) — Live Demo: [Link](#)

Experience

IT Coordinator, NavGurukul

- Managed laptop maintenance and resolved technical issues effectively.

04/2024 - 07/2024

English Coordinator, NavGurukul

- Led workshops to improve students' vocabulary and fluency.

01/2024 - 03/2024

Education

Bachelor of Computer Applications (BCA)

Uttaranchal University, Dehradun, India

CGPA: 8.0

07/2023 - Present

Diploma in Software Programming

NavGurukul Foundation for Social Welfare

01/2024 - Present

HyperVerge Academy Bootcamp

Backend Development Program: ExpressJS, MongoDB, APIs

07/2024 - Present

Languages

- **English:** Professional Working Proficiency
- **Hindi:** Native or Bilingual Proficiency