PANKAJ KUMAR

MERN Stack Developer

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Professional Summary

A skilled MERN Full Stack Developer with 2 years of experience in building dynamic and responsive web applications. Proficient in MongoDB, Express, React, and Node.js with a strong understanding of front-end and back-end development. Adept at problem-solving, collaborating with cross-functional teams, and delivering high-quality solutions.

Skills

- **Front-End: :** JavaScript (ES6+), React.js, Redux, HTML5, CSS3, Tailwind CSS, Bootstrap

- **Back-End:** Node.js, Express.js

- **Database:** MongoDB, MySQL

- **Version Control:** Git, GitHub

- **Tools & Platforms:** Vite, VSCode, Postman, RESTful APIs

- **Other** JSON, Agile/Scrum Methodologies

Professional Experience

VAYUZ Technologies — MERN Stack Developer
Noida Sector-3 D-22 | 01/02/2023 – 31/01/2025

- Developed and maintained dynamic web applications using the MERN stack, ensuring a seamless user experience.

- Collaborated with front-end and back-end teams to create robust APIs and integrate third-party services.

- Implemented responsive UI designs using React and Tailwind CSS, enhancing user engagement and accessibility.

- Optimized application performance and scalability by refactoring code and leveraging efficient database queries.

Project 1

Bee Recruiter

- **Description:** Bee Recruiter is an innovative mobile and web application designed to revolutionize the recruitment process. This app serves four user Categories: Job/Course Seekers, Employers, Consultants, and Institutes. With a user-friendly interface and powerful features, Bee Recruiter aims to bridge the gap between job seekers, employers, recruitment

consultants, and educational institutes, making the job search and hiring process more efficient and effective.

- **Roles and Responsibilities:**

  - Implemented front-end components using React.js, ensuring a modular and reusable design.
  - Managed global state using Redux, optimizing state management for complex UI interactions.
  - Integrated RESTful APIs for dynamic data fetching, ensuring seamless communication between front-end and back-end services.
  - Enhanced performance and user experience by implementing efficient state updates and memoization techniques.

- **Technology:** React.js, Redux, Redux Toolkit, Axios, JavaScript (ES6+), Tailwind CSS.

Project 2

Torsa

- **Description:** Torsa is an e-commerce website where users can buy machine parts, place orders, and track their purchases. It also provides an option to rent machines efficiently and effectively.

- **Roles and Responsibilities:**

  - Front End Development using React.js to build dynamic and responsive user interfaces.

  - Integrated APIs for seamless data communication between front-end and back-end systems.

- **Technology:** React.js, Bootstrap

Project 3

Exercise App

- **Description:** The Exercise App is a personalized application that allows users to create custom workouts with instructional videos. Users can add exercises and organize them into sub-categories for better management.

- **Roles and Responsibilities:**

  - Supported in API development to enable smooth communication between the front end and back end.

  - Fixed issues in existing APIs, ensuring reliable data flow and enhanced backend functionality.

- **Technology:** Flutter, Node.js, Express.js

Project 4

Corpzo Business Platform

- **Description:** Corpzo is a comprehensive platform offering business solutions such as company registration, compliance management, legal advisory, and consulting services. It is designed to meet the needs of startups, SMEs, and enterprises, ensuring efficient and hassle-free processes to help businesses thrive.

- **Roles and Responsibilities:**

    - Backend setup and API development using Node.js and Express.js.

    - Designed database schemas in MongoDB for efficient data storage and retrieval.

    - Integrated APIs in the React.js admin panel for dynamic data management.

- **Technology:** Node.js, Express.js, MongoDB, React.js

Project 5

NIIT Digital

- **Description:** NIIT Digital is a learning platform that offers courses and manages both recorded and live classes. It provides a streamlined educational experience for users to purchase courses and access learning materials.

- **Roles and Responsibilities:**

    - API Integration for seamless communication between front end and back end.

    - Bug fixing to ensure smooth functionality and enhanced user experience.

- **Technology:** React.js, Bootstrap

Project 6

Project NIIT Gen AI Studio

- **Description:** NIIT Gen AI Studio is a platform for creating AI agents, allowing users to build various types of agents for different use cases. It leverages advanced language models and vector databases to provide intelligent and dynamic agent functionalities.

- **Roles and Responsibilities:**

    - API creation to support dynamic agent functionalities and seamless data communication.

    - Mapped LLM (Large Language Model) APIs with the Node.js server for efficient processing and response generation.

- **Technology:** Express.js, Vector DB, ChatGPT API, LangChain

Project 7

Project Vayuz Resume JD Match Score System

- **Description:** This module is designed to calculate the match score between a job description and a resume by analyzing skills and experience. It uses NLP techniques to provide a percentage-based compatibility score, helping recruiters efficiently assess candidate suitability.

- **Roles and Responsibilities:**

    - API creation for processing and calculating match scores.

    - Integrated APIs with the frontend for dynamic and real-time score display.

- **Technology:** Express.js, NLP, React.js

Project 8

Vayuz Meeting Management System

- **Description:** This module is designed to manage meetings by checking the availability of leads and managers. It helps organize schedules efficiently by displaying available time slots and ensuring effective meeting coordination.

- **Roles and Responsibilities:**

    - API integration with the frontend for real-time availability checks and meeting management.

- **Technology:** React.js, Tailwind CSS, Redux Toolkit

Project 9

Vayuz Visitor Management System

- **Description:** This project is designed to manage visitor information, including visit timings, room bookings (e.g., Room 1, Room 2, Room 3), HR details, and the purpose of the visit. It streamlines the check-in process and enhances visitor tracking and management.

- **Roles and Responsibilities:**

    - API integration with the frontend for real-time visitor data management.

- **Technology:** React.js, Tailwind CSS, Redux Toolkit, Express.js

Project 10

Frammer AI

- **Description:** This project addresses the challenge of streaming to multiple platforms (e.g., Facebook, YouTube) simultaneously. It leverages cloud-based solutions to ensure efficient and reliable multi-platform broadcasting.

- **Roles and Responsibilities:**

    - API integration with the frontend to enable seamless multi-platform streaming.

- **Technology:** jQuery, FastAPI, Tailwind CSS, AWS MediaLive, AWS MediaChannel

Additional Technical Knowledge

- **CMS Platforms:**

  - WordPress, Shopify – Experienced in setting up, customizing, and maintaining websites on these platforms.

- **Computer Hardware and Software:**

  - Formatting and maintenance of computer systems, including troubleshooting hardware and software issues.

- **Operating Systems:**

  - **Windows, Linux:** Proficient in installation, configuration, maintenance, and performing advanced tasks. Able to efficiently work and solve issues across these operating systems.

- **Containerization and Virtualization:**

  - **Docker:** Skilled in using Docker on both Linux and Windows environments for application deployment and management.

Education

Bachelor of Science in Information Technology (BSc IT)
Magadh University, Bodh Gaya | 2018

Languages

- English

- Hindi