Abhishek Choudhary

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Education

Swami Keshvanand Institute Of Technology Management and Gramothan	2021-2025
Bachelor of Technology in Computer Science (GPA: 8.7)	*Jaipur, Rajasthan*
Gyandeep Vidya Mandir	2020-2021
Higher Secondary (GPA: 8.4)	*Raipur, Chhattisgarh*
Gyandeep Vidya Mandir	2018-2019
Secondary (GPA: 8.8)	*Raipur, Chhattisgarh*

Experience

DEVTOWN (Web Development) — Jun 2023 – Aug 2023
Full Stack Development Intern — *Jaipur, Rajasthan*

- Built a fully functional E-commerce website using **Node.js**, **React.js**, and **MongoDB**, handling over **20+ product categories** and simulating **100+ user interactions**.
- Implemented and tested **10+ RESTful APIs** for core functionalities like product listings, user login, and cart management.
- Optimized backend logic and resolved API response issues, resulting in a **15% improvement** in website performance and faster data retrieval.

Projects

Medical Website | *React.js, Node.js, Express.js , MongoDB*

- Developed a full-stack medical appointment system using the **MERN stack** (MongoDB, Express.js, React.js, Node.js).

- Created RESTful APIs to manage doctor availability, patient bookings, and appointment time slots.
- Integrated a responsive and user-friendly interface for booking and viewing appointments.
- Improved system performance by optimizing backend logic and database queries.

Chat App | *React.js, Node.js, MongoDB, Material UI , Socket.io*

- Built a real-time chat application using the **MERN stack** (MongoDB, Express.js, React, Node.js) with **Socket.IO** for bi-directional communication.
- Integrated **Socket.IO** on both client and server to enable instant messaging, typing indicators, and online user status updates.
- Crafted responsive and intuitive chat UI using **Tailwind CSS**, ensuring smooth user experience across devices.
- Utilized REST APIs and WebSockets for efficient message handling and real-time synchronization across users.

Music Player | *React.js, Express.js, Node.js, Supabase, Redux Toolkit, TypeScript*

- Built a full-featured local music player inspired by Spotify to manage and play favorite tracks.
- Utilized **Supabase** to store and retrieve songs from a custom table, with dynamic data rendering in the UI.
- Implemented modern UI components using **Elastic UI**, including interactive buttons and tags.
- Managed application state efficiently using **Redux Toolkit** and maintained type safety with **TypeScript**.
- Project is available on GitHub.

Movie App | *React.js, Express.js, Tailwind CSS, Firebase*

- Developed a responsive movie streaming platform inspired by Netflix, allowing users to browse and stream various movies.
- Integrated **Firebase Authentication** with support for Google Sign-In as well as email and password login.
- Designed an intuitive user interface using **Tailwind CSS**, ensuring a seamless user experience across devices.
- Project is available on GitHub.

Technical Skills

Languages: C++, Python, Java
Technologies: React.js, Node.js, Express.js, TypeScript, MongoDB, Supabase, Firebase, Docker, Kubernetes
Core Concepts: Data Structures Algorithms, Object-Oriented Programming, Operating Systems, Database Queries, Computer Networks, API Integrations, and Management.
Additional Interests: Artificial Intelligence, Machine Learning, Neural Networks, Cloud Computing.