BHOOMA PREM SAGAR

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Summary:

Experienced Full Stack Developer with a strong focus on building scalable, user-centric web platforms using cutting-edge technologies. Proficient in frontend frameworks such as **React.js**, **Next.js**, and **Tailwind CSS**, as well as backend technologies like **Node.js** and **Express.js**. Skilled in developing seamless, interactive user interfaces using **Radix UI**, **Shadcn UI**, and **TanStack Query**, with advanced features such as QR Scanner, infinite loading, real-time data mutations, and state management through **Redux**.

With hands-on experience in cloud infrastructure and services, I have effectively integrated **AWS S3** for secure file storage and **AWS Lightsail** for server hosting. My expertise includes payment gateway integration using **Razorpay**, OAuth-based authentication, and building intuitive dashboards for both users and administrators. I have successfully implemented complex functionalities such as search optimization, filtering, collection management, and interactive graph-based data visualizations.

Education:

- B.Tech, Aurora's Technological and Research Institute (EEE), 2020 : CGPA: 6.29
- Board of Intermediate Education, Geethanjali Junior College, 2016 : Percentage: 70.1
- Secondary School Education (SSC), Sri Vidya School, 2014 : GPA: 8.2

Work Experience:

Digrowfa Private Limited — Jan 2023 – Present
MERN Stack Developer

Cognizant Technology Solutions — Jun 2022 – Dec 2022
Engineer Trainee

Sandblaze Digitals Pvt Ltd — Jan 2021 – Jan 2022
Junior Software Developer

Project Details:

Project: AI Tool Bazaar - AI Tools Library Platform

- **Developed a comprehensive AI tools platform** using **React.js, Next.js,** and **Radix UI,** offering users a highly responsive and user-friendly experience for discovering and interacting with AI tools across various categories.
- **Integrated TanStack Query and Shadcn UI** to implement efficient, configurable data fetching and state management for search and filtering functionalities. Utilized **TanStack's infinite-loading APIs** and mutation tools to optimize real-time data updates and ensure smooth user interactions with accurate, up-to-date search results.
- **Leveraged Acternity UI and Tailwind CSS** to build a sleek and accessible UI, ensuring a highly customizable and responsive design across all devices.
- **Utilized Redux for global state management,** enabling seamless handling of user interactions such as saving AI tools to collections, and implementing like/dislike functionalities.
- **Built secure and scalable backend services** using **Node.js** and **Express.js,** handling all core business logic, including tool submissions, ratings, comments, and claim functionalities.
- **Implemented OAuth-based login authentication using Google** for user authentication, ensuring secure and frictionless user onboarding.
- **Used MongoDB for efficient data storage** and management of user details, AI tools, gadgets, and tutorials, ensuring robust handling of large datasets and user interactions.
- **Integrated AWS S3 for file storage** to securely store and manage media files and other assets uploaded by users or administrators.

- **Utilized AWS Lightsail to host backend services**, ensuring smooth deployment, scalability, and high availability for the platform.
- **Implemented Razorpay for international payment processing,** allowing users to make secure transactions for submit tool and other premium services on the platform.
- **Enhanced the platform with advanced graph representations,** providing visual insights into AI tool usage, user activities, and platform engagement through interactive charts.
- **Developed a feature-rich admin dashboard** for managing AI tools, gadgets, tutorials, and user-generated content, with functionalities such as advanced filtering, role management, and full control over user comments and tool categories.
- **Built claim and submission features** allowing users to claim ownership of AI tools and submit new tools to the platform, expanding the library and maintaining data integrity.
- **Integrated rating and commenting functionalities,** enabling users to provide feedback on AI tools based on their experiences, enhancing community interaction and platform engagement.
- **Implemented an upcoming advertising and promotion functionality,** which will allow AI tool owners to promote their tools directly through the platform for increased visibility.
- **Optimized search engine functionality** with advanced filtering, providing a seamless and accurate search experience for users across AI tools, gadgets, and tutorials.

Project: Patientifi - Doctor Consultant Online Platform
- **Developed a responsive and user-friendly online platform** using **React.js** and **Next.js**, enabling users to book doctor appointments based on illness and location, with a focus on ease of navigation and advanced search functionality.
- **Utilized Radix UI for building accessible components** and **Redux** for managing the global state, ensuring a smooth and dynamic user experience across the platform.
- **Implemented backend services with Node.js and Express.js**, handling user authentication (mobile number and OTP via **Fast2Sms**) and appointment bookings efficiently.
- **Integrated MongoDB for handling user, doctor, hospital, and booking data**, ensuring scalable and efficient data storage solutions.
- **Utilized AWS S3 for file storage,** securely managing and storing hospital and doctor records, and **AWS Lightsail for hosting backend servers**, ensuring smooth and scalable deployment.
- **Integrated Razorpay payment gateway for secure payment processing**, allowing users to make payments for online appointments and track their booking history.
- **Built a comprehensive hospital dashboard**, enabling hospitals to enroll doctors, manage appointment schedules, reschedule bookings, and handle both online and offline appointments.
- **Developed an admin dashboard** that manages all data related to doctors, hospitals, appointments, reviews, and ratings. The admin panel also features a payment deletion system, advanced filtering (by date, online/offline status), and search functionality.
- **Implemented an advanced search functionality**, allowing users to find doctors and hospitals based on illness and location, providing highly relevant results with ease.
- **Enhanced user experience by providing booking history and future appointment scheduling**, giving users control over their healthcare needs and easy access to their records.

Skills:
- HTML
- CSS
- Bootstrap
- Tailwind CSS
- JavaScript
- React JS
- Next JS
- Radix UI
- Shadcn UI
- Aceternity UI
- Redux
- TenStack
- Node JS
- Express JS
- Mongo DB
- AWS S3 Bucket Services
- AWS Lightsail services