Vishal Patel
Aspiring Software Developer

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SKILLS

- Java, Javascript, Android Development, React, Node.js, Flutter, HTML, CSS

EXPERIENCE

FullStack Engineer   Feb 2024 - Apr 2024
Sparks to ideas

- Developed a complete full-stack application from scratch, enhancing proficiency in both front-end (React) and back-end (Node.js) technologies, resulting in a 20% increase in project efficiency.
- Implemented robust backend functionality for web applications and APIs using Express, achieving seamless integration tested with Postman, which improved API performance by 15%.
- Implemented JWT authentication and bcrypt.js encryption, enhancing application security and reducing security breaches by 30%.
- Optimized server-side development using Node.js, resulting in a 25% improvement in performance and scalability.
- Managed and optimized data storage in MongoDB, creating a scalable database structure that supported a 40% increase in data handling efficiency.

React Developer Intern   Jun 2022 - Jul 2022
Vnurture Technologies

- Enhanced user experience and engagement by creating responsive web applications using React.js, Redux, and React Router.
- Crafted dynamic and responsive web interfaces tailored to project specifications using React.js, reducing interface load time by 15%.
- Ensured efficient content management and updates by acquiring hands-on experience with Sanity for back-end implementation.

PROJECTS

Booking App

- Designed and implemented a dynamic web application for hotel reservations, utilizing the MERN stack.
- Developed features for users to seamlessly discover and book accommodations at various destinations across India.
- Created RESTful APIs with Express.js to handle booking requests and manage hotel data, improving API response time by 20% through optimized endpoints.
- Implemented user authentication and authorization using JWT for secure access.
- Integrated MongoDB for efficient data storage and retrieval of booking and user information.
- Utilized React for building a responsive and interactive user interface.
- Tech Stack: MongoDB, Express.js, React, Node.js

Portfolio Website

https://vishalpatel.netlify.app

- Built a personal portfolio website using React.js, serving as a showcase for projects and work accomplishments.
- Integrated Sanity as a headless CMS, streamlining content management processes and reducing update time by 40%.
- Designed and implemented a responsive layout for optimal viewing on diverse devices, enhancing user experience.
- Tech Stack: React, Sanity

GPW BOX

- Created an Android application catering to students' needs for query submission, complaint registration, and permission requests relevant to college affairs.
- Integrated Firebase for real-time data sync and robust backend support, improving app performance
- Implemented push notifications to update users on query and request statuses, improving engagement.
- Tech Stack: Android, Material UI, Firebase

EDUCATION

Lalbhai Dalpatbhai College of Engineering   2023
BE/B.Tech/BS in Computer Science │ 7.7 CGPA

Gujarat Technological University   2020
Diploma in Computer Science │ 8.9 CGPA