Binal Patel

+91 9974244744   binal082002@gmail.com   binal-patel-a6b410215   binalportfolio.netlify.app

PROFILE

- Software Engineer with 1.5 year of experience building scalable healthcare OTT and e-commerce web applications.
- Strong problem-solving and coding skills with 1000+ DSA problems solved on GeeksforGeeks and LeetCode. Achieved a Codeforces rating of 1071 and a CodeChef rating of 1461 (2-Star).

EDUCATION

B.Tech Mathematics and Computing, DAIICT   Nov 2020 - Aug 2024

EXPERIENCE

Associate Software Engineer, Docfliq   June 2024 - Present

- Implemented secure user authentication, registration flows, and Arabic language translations to support internationalization (i18n), enabling product expansion into new global markets.
- Developed and enhanced responsive UI components with React.js, improving user experience and contributing to a 25% increase in client engagement across web platforms.
- Achieved 70%+ unit test coverage using Jest and React Testing Library, improving code reliability and fixing production bugs.
- Documented complex UI workflows, enhancing team onboarding efficiency and boosting overall platform stability.

Software Engineer Intern, Persistent Systems   Dec 2023 - May 2024

- Gained hands-on experience with REST APIs, MVC architecture, authentication techniques, and debugging practices.
- Participated in the full software development lifecycle (SDLC) with focus on object-oriented design, Git, and database fundamentals.
- Collaborated effectively in cross-functional team projects, enhancing communication, fostering teamwork, and contributing to the successful delivery of key initiatives.
- Applied coding standards and testing principles in real-world scenarios to strengthen foundational engineering knowledge.

SKILLS

Programming Languages: JavaScript, TypeScript, C++, SQL, HTML

Framework/Library: ReactJS, NodeJs, Redux, Context API, CSS

Tools: Jest(Unit testing), Postman, Git, MongoDB, Postgres, Docker, Redis, LaTeX

Core Competencies: Data Structures and Algorithms, Object Oriented, programming, Database Management, Restful API, Caching, Event Coordination, Problem solving

PROJECTS

TalkWave Link

Technologies: MongoDB, NodeJS, Express JS, React JS, socket IO, Firebase

Developed a MERN-based real-time chat application supporting instant text and audio messaging with socket IO for seamless bi-directional communication. One-on-one and group chat features, Firebase Authentication for secure login, typing indicators, online status. Notifications for unread message to online and offline users.

Bookstore Link

Technologies: MongoDB, NodeJS, Express JS, React JS

Built a MERN-based bookstore platform with user authentication, secure browsing, and purchasing workflows. Designed an admin panel for managing books, inventory, and orders, with real-time updates and stock adjustments. Integrated Razorpay for secure online payments and transaction handling.

Hostel management System Link

Technologies: Postgres

Designed and implemented a hostel management solution to track room availability, allocate rooms, manage and maintain employee/visitor records. Focused on high data availability, smooth data access, and minimal maintenance to streamline day-to-day hostel operations.