

Harsh Brahmkshatriya

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EDUCATION

Conestoga College

Web Development

Kitchener, ON

Jan. 2024 – April. 2025

Veer Narmad South Gujarat University

Bachelor of Computer Application

Surat, India

Sep. 2020 – April. 2023

EXPERIENCE

Software Engineer

Durvasa Infotech

- Improved website performance by 30% through optimized React components and Redux for state management.
- Reduced API response time by 20% by optimizing backend services using Node.js and Express.js, leading to faster load times.
- Enhanced team productivity by streamlining Git workflows in an Agile environment, increasing efficiency in feature delivery.
- Designed and implemented dynamic UI components with React.js, resulting in a 15% improvement in user engagement.

Software Engineer Intern

Durvasa Infotech

- Achieved 25% faster load times for web applications by optimizing front-end assets and implementing performance best practices.
- Reduced database query times by 15% with efficient indexing and optimization techniques in MongoDB.
- Contributed to Agile sprints, improving feature delivery times by 20% and ensuring timely releases.

PROJECTS

Online Learning Platform

MERN Stack (MongoDB, Express.js, React.js, Node.js), React Router, JWT Authentication

- Developed an online learning platform that allows students to enroll in courses, track progress, and access learning materials.
- Implemented course creation and enrollment functionality, enabling students to select and join courses.
- Integrated progress tracking, quizzes, and assignments to monitor students' performance and engagement.
- Enabled real-time notifications for new course content, deadlines, and updates using WebSockets.

Bus Ticket Booking Website

MERN Stack (MongoDB, Express.js, React.js, Node.js), Chakra UI, Docker

- Created an intuitive ticket booking system with real-time seat selection, booking history, and the ability to download tickets.
- Developed an admin dashboard to manage bus schedules, user profiles, and transactions.
- Enhanced database performance with optimized MongoDB indexing, reducing query execution time.
- Implemented a QR-based ticketing system, eliminating manual verifications and improving efficiency.
- Added a chat support feature for real-time customer assistance.
- Deployed using Docker, ensuring scalability and environment consistency.

Online Food Ordering System

MERN Stack (MongoDB, Express.js, React.js, Node.js), Stripe API, WebSockets

- Developed a real-time food ordering system with live order tracking, user reviews, and efficient order management.
- Integrated Stripe API to facilitate secure, seamless online payments for customers.
- Implemented WebSockets for real-time order status updates, enhancing order accuracy and user experience.

TECHNICAL SKILLS

Languages: JavaScript, Java (Basic), HTML5, CSS3

Frameworks/Libraries: React.js, Redux, Node.js, Express.js, Chakra UI, Bootstrap

DevOps Tools: Docker, Git

Databases: MongoDB, MySQL

Tools: Visual Studio, Android Studio, GitHub