

# HARSHAL LATHIYA



## FULL STACK DEVELOPER

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Full Stack Developer (BCA Final Year) with strong foundation in React, Node.js, Express, and PostgreSQL. Experienced in building scalable web applications with secure authentication, RESTful APIs, and normalized database design. Developed multiple production-oriented systems with role-based access control and Docker-based deployment. Strong analytical mindset with proven leadership and presentation skills.

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## SKILLS

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Programming Languages: JavaScript, Java, C, C++

Front-End Technologies & Frameworks: HTML5, CSS3, React.js, Bootstrap

Back-End Technologies & Frameworks: Node.js, Express.js, PHP, Python

Databases: PostgreSQL, MySQL

Tools & Cloud: Git, GitHub, Docker, Postman, Google Cloud

Web & CMS Technologies: SEO Fundamentals, WordPress

Professional Skills: Leadership, Presentation & Public Speaking, Problem-Solving, Communication

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## PROJECT EXPERIENCE

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### TourSync – Global Tour Management System

**Tech Stack: Next.js, TypeScript, Node.js, Express.js, PostgreSQL, Docker**

Built a production-ready tour management platform with role-based access control (Admin/Guide/Tourist). Implemented secure JWT authentication, attendance tracking with immutability logic, emergency response module, budget management, itinerary planning, and audit logging. Designed normalized PostgreSQL schema with RESTful API architecture and middleware-based security.

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### FITGROCER – Grocery Management System

**Tech Stack: Node.js, Express.js, MySQL, EJS, Docker**

A full-stack grocery management system that handles product catalog management, categorized inventory (fruits, vegetables, dairy), shopping cart functionality, order processing, and user profile management. Includes Admin and Customer roles with secure authentication, nutrition information tracking for products, and structured order lifecycle management. Designed with relational MySQL schema and RESTful APIs for scalable operations.

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### DayFlow HRMS – Odoo x GCET Hackathon 2026

**Tech Stack: Next.js, TypeScript, Tailwind CSS, Supabase**

A Human Resource Management System developed during a national-level hackathon to streamline workforce operations. The system manages employee records, attendance tracking, leave workflows, payroll processing, and user profile management. Built with modular frontend components and secure authentication, focusing on automation of routine HR processes.

## QR Code Generator – Full Stack QR Platform

**Tech Stack: React, Node.js, Express.js, MySQL, Docker**

A QR-based discount management system designed for businesses to generate, distribute, and track promotional discount codes. The platform allows admins to create customizable QR codes linked to specific offers, discount percentages, validity periods, and usage limits. Users can scan and redeem QR-based discounts, while the system securely validates redemption to prevent misuse or duplication. Includes role-based access control, JWT authentication, real-time redemption tracking, analytics dashboard for monitoring usage trends, and Docker-based database deployment for scalable and secure operations.

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## EDUCATION

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**Bachelor of Computer Application (BCA) (7.64 CGPA)**

Kamani Science College & Prataprai Arts College Amreli

**Higher Secondary Certificate (12th Science) (65%)**

Navneet School of Science Amreli

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## LANGUAGES

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**English:** Professional Working Proficiency

**Hindi:** Working Proficiency

**Gujarati:** Native Proficiency

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## PROFESSIONAL DEVELOPMENT

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- **Google Analytics Certification – Google Skillshop**
  - **Introduction to Programming Using Python – GeeksforGeeks**
  - **Java Skill Up - GeeksforGeeks**
  - **Spoken English Certification – Expert Spoken English**
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