

BHAUTIK MEWADA

Education

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Darshan University

Bachelor of Technology in Computer Science (CGPA : 8.56/10)

June 2022 – Present

Rajkot, Gujarat

Relevant Coursework

- Data Structures
- Software Methodology
- Algorithms Analysis
- Database Management
- Machine Learning
- OOP(JAVA)
- Operating System

Experience

Darshan University

Teaching Assistant

Nov 2023 – Oct 2024

Rajkot, Gujarat

- Assisted faculty in courses like JavaScript, ReactJS, NodeJS, and ExpressJS.
- Helped 50+ students during tutorials and labs, clearing doubts and explaining concepts.
- Prepared simple practice assignments and guided students in completing them.
- Encouraged group discussions among students to solve common doubts.

Projects

Stock Management System | JavaScript, MERN, Tailwind CSS | [Project Link](#)

August 2025

- Developed a MERN-based inventory management system for small stores to handle products, categories, suppliers, purchases, and sales.
- Implemented secure role-based authentication (Owner & Staff) with JWT and session handling.
- Integrated features like low-stock alerts, automatic stock updates, invoices, and CSV/PDF reporting.
- Built a responsive React + Tailwind frontend with dashboards showing key metrics and business insights.

Blood Bank Management System | ASP.NET Core Web API, ReactJS, MS SQL Server | [Project Link](#)

April 2025

- Built a full-stack system to handle donor registration, recipient requests, and blood inventory with role-based access for admins, donors, and recipients.
- Designed a normalized SQL Server schema and stored procedures to enforce donor eligibility rules and maintain stock updates through ACID transactions.
- Developed interactive dashboards in ReactJS for real-time tracking of requests, donations, and inventory levels.
- Secured the platform with JWT authentication, OTP verification, and Swagger-based API testing.
- Implemented a prototype module to flag potential **Thalassemia cases** from CBC reports, improving safety in the donation approval process.

Real Estate Management | JavaScript, MERN, Redux, Tailwind CSS | [Project Link](#)

August 2024

- Built a full-stack real estate platform for creating, managing, and browsing property listings with secure authentication.
- Developed RESTful APIs using Node.js, Express, and MongoDB to handle listings, users, and image uploads.
- Implemented search, filters, sorting, and Google OAuth login with Redux for centralized state management.
- Designed a responsive React frontend with Tailwind CSS for a smooth and modern user experience across devices.

Technical Skills

Languages: C, Java, Python, JavaScript, SQL
Web Development: ReactJS, NodeJS, ExpressJS, .NET(MVC)
Databases: Microsoft SQL Server, MongoDB
Operating System: Windows, Linux (basic CLI commands)
Cloud Platforms: AWS (EC2, S3, basic deployment with Nginx)
Developer Tools: GitHub, VS Code, Postman
Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability

Certifications

Cloud Computing

July 2024

Online SimpliLearn

- Gained basic understanding of cloud computing concepts such as deployment models, service models (IaaS, PaaS, SaaS), and virtualization.
- Explored how scalability and cost-efficiency are achieved in cloud platforms through examples and case studies.
- Completed hands-on labs using AWS services, getting practical exposure to cloud usage.