

Nakum Kapil Harjibhai

Computer Engineering

L.D. College Of Engineering

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B.E
Male

Examination	University	Institute	Year	CGPA/%
Graduation	GTU (CE)	LDCE Ahmedabad	2023-26	6.57
HSC	GSEB	B.M. Patel School	2020-22	80.1
SSC	GSEB	Shree Swaminarayan Gurukul-Rajkot	2020	89

PROJECTS

• FARMVIBE

(Jan '25-Sep '25)

- Marketplace platform connecting farmers and buyers for listings, bargaining, auctions, and used tools/vehicle resale, featuring **secure authentication** and **role-based dashboards**.
- Developed **end-to-end workflows** for product listing, negotiation and counter-offers, deal/auction processing, real-time offer updates, and order tracking with **direct buyer-seller interaction**.
- Achieved a **30%-40% reduction in average deal closure time** by introducing a structured bargaining flow and optimized offers caching.
- Key features:
 - End-to-end flows: list → negotiate → deal/auction → order tracking.
 - Secure authentication and authorization using **JWT**, access middleware, and role-based access control (RBAC).
 - Built real-time auctions and notifications using **Socket.IO**.
 - Role-based dashboards for **listings, offers, bids, and profile management**.
 - Real-time auctions, direct communication, notifications, cart, and favorites, with a responsive UI for seamless farmer-buyer interaction
- Technologies: Node.js, Express.js, MongoDB, REST API Design, JWT Authentication, Socket.IO, JavaScript, HTML, CSS

• Smart City Portal

(Nov '23-Sep '24)

- Built a full-stack Smart City Services portal, a cutting-edge platform that integrates digital services for residents, businesses, and local authorities, enhancing urban living and community engagement.
- Increased **user engagement by 15%-25%** by implementing real-time notifications, backend-driven analytics, and a **modular architecture** designed to support concurrent users and future service expansion.
- Key features:
 - Real-time city and emergency update system built with **Node.js APIs**.
 - Centralized communication between city administration and citizens.
 - Backend-driven analytics to monitor service usage and optimize **city resource management**.
 - Optimized sustainability and infrastructure management using system analytics.
- Technologies: Node.js, Express.js, MongoDB, REST API Design, JavaScript, HTML, CSS, MERN Stack Fundamentals

TECHNICAL SKILLS

- Programming & Scripting Languages:** C, Java, Python, JavaScript, HTML, CSS
- Frameworks:** Node.js, Express.js, and React
- Databases:** MongoDB, MySQL
- Cloud & DevOps:** AWS (EC2, IAM, S3, RDS)
- Tools:** Git, GitHub, Postman, Socket.IO, REST API Design

WORK EXPERIENCE & INTERNSHIPS

• Oasis Infobyte

(Jun '24-Jul '24)

- Developed responsive frontend components using HTML, CSS, and JavaScript, and integrated **RESTful APIs built with Node.js and Express.js**, supporting core **CRUD operations** and client-server communication.
- Worked with **backend logic, middleware, and API error handling**, improving application reliability and frontend-backend data flow while optimizing performance.
- Collaborated using **Git and GitHub** for version control, tested APIs using **Postman**, and followed structured development workflows to deliver production-ready features.

ACHIEVEMENTS

- Successfully developed a FARMVIBE project.
- Completed multiple full-stack web projects using modern technologies.

AREA OF INTEREST

- Full-Stack Development
- Software Development
- OOP

HOBBIES

- Watching movies and web series
- Playing cricket