

# Sojitra Kartik

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## EDUCATION

<b>L.J.university</b> B.E.	2021 – 2025 Ahmedavad
<b>Taravda Gurukul</b> 12th	2019 – 2021 Amreli

## PROFILE

Passionate about computers and technology, I'm seeking an internship to expand my knowledge and practical skills. I'm eager to apply my technical expertise to real-world challenges and be a valuable part of a dynamic team.

## PROFESSIONAL EXPERIENCE

### Backend developer

12/2023 – present

- Transitioned from a Full-Stack Developer role after a 6-month internship, applying in-depth knowledge of backend technologies to build and maintain scalable server-side solutions.
- Designed, developed, and optimized RESTful APIs, ensuring fast and reliable communication between the frontend and backend.
- Integrated and optimized databases (SQL/NoSQL) for high performance, including data modeling, query optimization, and ensuring data consistency.
- Led the development of key server-side features such as authentication systems, payment gateways, and real-time notifications using technologies like Socket.IO.
- Worked with the team to enhance application performance, reducing server response times by 25% through code optimization and caching strategies.
- Collaborated closely with product managers, frontend developers, and DevOps teams to deliver seamless user experiences and ensure application scalability.

## CERTIFICATES

### HTML, CSS, and Javascript for Web

Developers [🔗](#)

John Hopkins

### C for Everyone: Programming

Fundamentals [🔗](#)

University of California, Santa Cruz

### Data Structures [🔗](#)

University of California San Diego

### Algorithmic Thinking (Part 1) [🔗](#)

Rice university

### What is Data Science? [🔗](#)

IBM

## SKILLS

HTML | CSS | JavaScript | ReactJs |  
NodeJs | SQL | MongoDB

## LANGUAGES

Gujarati | Hindi | English

# PROJECTS

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## Crypto Dashboard(React) [↗](#)

- **Description:**

The Forex Portfolio Website is a responsive web application built using React and Chakra UI. It provides users with real-time data visualization of forex market trends, utilizing Framer Motion for smooth animations and transitions.

- **Technologies:**

React, React Router DOM, Chakra UI.

- **Roles & Responsibilities:**

- Developed responsive frontend components using React and Chakra UI
- Implemented various frontend features including the dashboard, transaction management, and support pages using React.
- Integrated React Router DOM to manage navigation between different sections of the application.
- Utilized Chakra UI and Emotion for designing and styling components, ensuring a consistent and appealing user interface.

## Book store [↗](#)

- **Description:**

Developed a full-stack web application to manage a bookstore's inventory and user authentication. The application provides secure data exchange and persistent user sessions for a seamless user experience.

- **Technologies:**

Node.js, Express, MongoDB, Mongoose, React, Context API

- **Roles & Responsibilities:**

- Designed and developed RESTful API endpoints for book management and user authentication.
- Integrated middleware like CORS for secure data exchange.
- Implemented frontend authentication using React's Context API and localStorage for persistent user sessions.
- Managed the bookstore's inventory and user authentication processes.

## Chat app [↗](#)

- **Description:**

Developed a full-stack application named 'Chat-app' that enables real-time messaging and user authentication. The application supports seamless communication between users with a responsive and interactive user interface.

- **Technologies:**

Node.js, Express, MongoDB, React, Vite, Socket.IO, JWT, Tailwind CSS, DaisyUI.

- **Roles & Responsibilities:**

- Designed and developed backend RESTful APIs using Node.js and Express.
- Implemented real-time messaging functionality using Socket.IO.
- Developed and integrated user authentication and authorization with JWT.
- Created responsive and interactive UI components using React, Tailwind CSS, and DaisyUI.
- Managed project dependencies and scripts for efficient development and deployment processes.