Sojitra Kartik

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EDUCATION

L.J.university   2021 – 2025
B.E.   Ahmedavad

Taravda Gurukul   2019 – 2021
12th   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

Web Development

12/2023 – present │ Ahmedabad

SKILLS

HTML │ CSS │ JavaScript │ ReactJs │ C │ NodeJs │ Python │ MongoDB │ Django

LANGUAGES

Gujarati │ Hindi │ English

CERTIFICATES

HTML, CSS, and Javascript for Web Developers
John Hopkins

C for Everyone: Programming Fundamentals
University of California, Santa Cruz

The Structured Query Language (SQL)
University of Colorado Boulder

Data Structures
University of California San Diego

Programming for Everybody (Python)
University of Michigan

PROJECTS

Spotify Clone 🔗

- **Description:**
  Developed a modern clone of Spotify featuring audio playback controls, song seeking functionality, and real-time playback updates. The application provides a seamless and interactive user experience with dynamic routing and state management.

- **Technologies:**

  React, Vite, React Router, Context API

- **Roles & Responsibilities:**
  - Implemented dynamic routing and state management using React Router and Context API.
  - Developed advanced frontend features such as audio playback controls and song seeking functionality.
  - Ensured real-time playback updates for an enhanced user experience.
  - Utilized Vite for rapid development and efficient production builds.

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.

Event Management 🔗

- **Description:**

Developed a comprehensive Event Management application to manage events, categories, and sponsors. The application provides functionality for user authentication, event creation, updates, and real-time notifications, ensuring a seamless user experience.

- **Technologies:**
Node.js, Express, MongoDB, React, React Router, Context API, JWT, bcryptjs, Tailwind CSS, DaisyUI.

- **Roles & Responsibilities:**
  - Designed and developed backend RESTful APIs using Node.js and Express for managing events, categories, and sponsors.
  - Implemented user authentication and authorization with JWT.
  - Developed a responsive and interactive user interface using React, Tailwind CSS, and DaisyUI.
  - Managed state and provided context using React's Context API.
  - Ensured secure data exchange and storage using bcryptjs for password hashing and JWT for authentication.
  - Utilized Mongoose for efficient database management and data modeling.
  - Integrated middleware like CORS for secure cross-origin data requests

Gemini Clone 🔗

- **Description:**
Developed a cutting-edge AI-driven chat interface that mimics Gemini's capabilities, incorporating real-time speech recognition, dynamic prompt processing, and seamless dark mode functionality.

- **Technologies:**
React, Vite, @mui/material, react-speech-recognition, use-dark-mode, Node.js, Express.js, @google/generative-ai,dotenv, eslint.

- **Roles & Responsibilities:**
  - Implemented responsive UI using React and @mui/material.
  - Integrated real-time speech recognition with react-speech-recognition.
  - Developed dark mode functionality using use-dark-mode.
  - Set up Node.js and Express.js server.
  - Integrated Google's Generative AI API for prompt response generation.
  - Managed state with React's Context API.
  - Configured and deployed the application on Vercel using Vite and Node.js.
  - Conducted thorough testing and debugging to ensure reliability.
  - Documented the development process and created user guides.