

EXPERIENCE

Edelta Corporation

Surat, India

Technical Lead & Full-Stack Architect

2020 – Present

- **ProtectAll Enterprise Platform (2022 – Present):** Architected and maintained 16+ high-traffic portals (Claims, Work Orders, Dealer, Mattress, and Home Claims) ensuring seamless cross-platform functionality and API communications.
- **ProtectAll Backend Services:** Engineered 4+ centralized AWS services (EC2/S3/Lambda) to manage, process, and synchronize data between consumer-facing portals and the core CRM system.
- **ProtectAll CRM Workflows:** Implemented complex Zoho CRM blueprint workflows for automated Work/Purchase Order processing, document extraction, and contract signing via Zoho Sign.
- **ProtectAll Dealer App:** Built a React Native mobile application for dealers to submit contract details and coordinate parts Connection Vendor workflows.
- **ProtectAll Security & Search:** Designed a unified search and authentication service enabling scalable, secure access control across the entire ProtectAll application suite.
- **HRMs Edelta:** Developed a fully-fledged employee management system (HRMs) handling announcements, social media, asset management, and automated payroll systems.
- **Lead Management Portal:** Built internal lead management portals equipped with automated email campaign management functions and a dynamic PDF resume generator.
- **Textile ERP App:** Created a web-based textile ERP system wrapper using Capacitor, rendering mobile-app interfaces to deliver a native application experience.
- **Textile ERP Migration Tool:** Created an automated migration tool designed to scrape and export legacy database records from customer platforms to seed our new ERP system.
- **Meeting Transcriber (AI Standup Notes):** Created a developer productivity tool that reviews meeting audio/video transcripts, automatically identifies team members' contributions, and generates standup summaries.
- **AI PR Reviewer:** Developed an automated code review bot that triggers on GitHub Pull Requests, utilizing AI models to audit code quality and comment feedback directly on GitHub.
- **Premier Global Logistics:** Setup AWS cloud setup (EC2/S3/CloudFront) and established automated CI/CD pipelines to manage deployment and optimize resource usage, reducing monthly hosting costs.
- **Codeguru (Internship, 2020 – 2021):** Architected a low-latency video and screen-sharing system using Mediasoup (WebRTC) and Node.js with custom Socket.io signaling to support multi-user synchronization.
- **Water Sort Puzzle Game (Internship):** Built a cross-platform Water-Sort puzzle game in React Native, developing a BFS-based automated solver algorithm to generate valid levels and verify move-logic.
- **Background Removal App (Internship):** Built a full-stack image background removal application using node-canvas and external AI background removal APIs.

PERSONAL PROJECTS

Grabies Live

On-Demand Service Platform

- **Platform Architecture:** Developed an end-to-end web platform enabling users to book professional home services seamlessly.
- **Frontend & Forms:** Built a responsive user interface incorporating dynamic multi-step booking forms with rigorous client-side validation using Formik.
- **Database Design:** Designed and integrated a flexible NoSQL database schema to handle secure user profiles, service catalogs, and transactional order histories.

Sandesh Lite

Real-Time Chat Application

- **Real-Time Architecture:** Engineered low-latency, bi-directional communication channels using Socket.io to synchronize active message states between client and server.
- **State & Security:** Leveraged Firebase services for lightweight serverless data storage alongside intuitive user experience styling built on Material UI components.
- **Cloud Deployment:** Configured continuous staging environments and deployed the application successfully using Heroku and Firebase cloud setups.

Photos Provider

Dynamic Media Discovery Tool

- **API Integration:** Integrated RESTful endpoints from the Pixabay API to build a high-speed asynchronous image search and discovery layout.
- **Data Management:** Utilized Firebase infrastructure as a serverless backend proxy to safely store, organize, and authenticate user favorite lists and search parameters.

Portfolio Website

Personal Brand Showcase

- **Design Strategy:** Designed and deployed a highly interactive, minimal portfolio layout optimizing professional assets for cross-device responsiveness.

SKILLS

Programming Languages: JavaScript (ES6+), TypeScript, Python, SQL, HTML5, CSS3

Libraries & Frameworks: React.js, React Native, Next.js, Node.js, Express.js, Fastify.js, Socket.io, WebRTC (Mediasoup), Redux, Formik, Capacitor

Databases & Caching: MongoDB, MySQL, PostgreSQL, Redis

Cloud & DevOps: AWS (EC2, S3, Lambda, CloudFront), Firebase, Docker, CI/CD, Git & GitHub, Heroku

Design & UI Libraries: Material UI, Bootstrap, HTML-Canvas (node-canvas)

Platforms, Tools & Testing: Zoho CRM, Zoho Creator, Zoho Sign, Postman, Jest

Spoken Languages: English (Professional), Gujarati (Native), Hindi (Professional)

EDUCATION

Sutex Bank College of Computer Applications & Science

Surat, India

Bachelor of Computer Applications (BCA); GPA: 8.93 CGPA

2019 – 2022

Bhulka Sagar School

Surat, India

Higher Secondary (12th Board, GSEB); Got 80.43%

2018 – 2019

ACHIEVEMENTS

HackerRank Verification : Verified skills and certifications:

- **Languages:** JavaScript (Basic & Intermediate), Python (Basic), SQL (Basic), Node.js (Basic)
- **Problem Solving:** Problem Solving (Basic & Intermediate)
- **Frameworks:** React (Basic), REST API (Intermediate)
- **Roles:** Software Engineer, Software Engineer Intern, Frontend Developer (React)