

# MAHENDIALI VIJAPURA

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## EDUCATION

### B.Tech, Information Technology

Parul University, Vadodara, Gujarat

Graduated June 2023

8.09 CGPA

Relevant coursework: Data Structures and Algorithms, Operating Systems, Computer Networks, DBMS, AI, ML, Cloud Computing, Cybersecurity, and Software Engineering.

## PROFESSIONAL EXPERIENCE

### Odoo India, : Full Stack Developer

July 2023 – Present

- Optimized **applications** for performance and scalability using **JavaScript and Python**.
- Built **responsive UIs** with modern JavaScript frameworks.
- **Automated backend processes** and integrated APIs to streamline operations.
- Implemented **multi-tenant systems** for better resource management.
- Contributed to **scalable open-source solutions** by enhancing efficiency.

### Indexnine Technologies, Pune: SDE Intern

Jan 2023 – July 2023

- Developed **scalable applications** using **TypeScript, NestJS, and ReactJS**.
- Implemented **efficient database management** with TypeORM and deployed **cloud infrastructure** on AWS.
- Contributed to **open-source products** to enhance scalability and performance.
- Built **modular frontend components** and optimized APIs using **ReactJS** and **NestJS**.

## PROJECTS / OPEN-SOURCE

### Farming Resource Management System (Link [🔗](#))

Fall 2022 – Spring 2023

**Cross-platform mobile app development** using **React Native** for agricultural equipment rental and weather tracking.

- **Real-time data synchronization** and content delivery powered by **Firebase**.
- Integrated **RESTful APIs** for weather, soil analysis, and expert crop health advice.
- Implemented **backend logic** for processing soil and fertilizer data to aid in farming decisions.
- Designed with a **user-friendly interface**, ensuring **scalability** and **performance** on resource-limited devices.

### Odoo Sales App new Onboarding(Link [🔗](#))

Spring 2024

Key enhancements in odoo sales app

- **Optimized onboarding flow** for the **Odoo Sales module**, simplifying the interface and removing the 'Set Sample Header/Footer' step.
- Implemented a more intuitive **onboarding tour** with **dynamic user guidance**.
- **Developed a custom PDF Quote Builder** using Odoo's templating engine for professional quote generation.
- Added a **"Send Report"** feature with email automation for seamless quote and report delivery.
- Achieved faster **onboarding**, improved **document generation**, and enhanced **user engagement**.

## TECHNICAL SKILLS

**Programming:** Python, JavaScript, TypeScript

**Libraries / Frameworks:** NodeJS, FastAPI, React, NestJS, TypeORM, Django, Flask, Jest, QUnit, Pytest, ExpressJS

**Tools / Platform:** Git, Postman, Swagger, AWS S3, JIRA, Trello, ESLint

**Databases::** SQL, MongoDB, PostgreSQL, DynamoDB, Firebase

## ACHIEVEMENTS

- **GATE Qualified** (2023) in engineering concepts and analytical skills.
- **Software Engineer** - HackerRank (Certificate [🔗](#))
- **Frontend Developer (React)** - HackerRank (Certificate [🔗](#))
- **NodeJS - Microservice** - LinkedIn (Certificate [🔗](#))
- **Research paper published** - ResearchGate (Link [🔗](#))