

## BRIEF SUMMARY

I am seeking a company where I can use my experience and education to help the company meet and surpass its goals.

## KEY EXPERTISE

- Technologies :: -Angular -Node JS -React JS -Web API -Web API Core -Javascript -jQuery -HTML -CSS
- Database :: -PostgreSQL -MongoDB
- Development Tool :: -Visual studio -Visual code -PgAdmin -Swagger
- Source Code Management Tool :: -Github -Source tree

## PERSONAL INTERESTS / HOBBIES

- Art and Craft
- Traveling

## PERSONAL DETAILS

- Know Language: English, Gujarati, Hindi
- Email: [monikaponkiya3@gmail.com](mailto:monikaponkiya3@gmail.com)
- Address: 77, Ploat Area, Sanala, Ta.: Jam-kandorana, Dis.: Rajkot

## EDUCATION

**K. S. School of Business Management , Ahmedabad**  
**MSC(CA & IT) – CGPA : 3.78 / 5**

**2016 - 2021**

**Kameshwer Vidhyalaya ,Ahmedabad**  
**HSC - Percentage: 85 / 100**

**2016**

**Kameshwer Vidhyalaya, Ahmedabad**  
**SSC - Percentage: 84 / 100**

**2014**

## INTERNSHIP

**Shaligram Infotech – Software Company, Ahmedabad**  
**Full stack Intern**

**Feb 2021 - July 2021**

**Key Skills : HTML, CSS, .Net Core, Web API, SQL**

## WORK EXPERIENCE

**Shaligram Infotech – Software Company, Ahmedabad**  
**Full stack developer**

**July 2021 - June 2023**

**Key Skills : Angular, Node JS, PostgreSQL, HTML, CSS, .Net Core, Web API, SQL**

**Key Skills : Angular, Node JS, ReactJS, PostgreSQL, HTML, CSS,, Web API, React JS, MongoDB, PgAdmin**

I was involved in the development and optimization of over 8 software systems, focusing on backend architecture with Node.js and NestJS to create high-performance APIs and scalable solutions. I also work with frontend architecture with angular for seamless integration.

Collaborate with my manager on sprint planning, providing input on task prioritization, workload distribution, and project timeliness ensure smooth execution and timely delivery of features and bug fixes.

## PROJECTS

### MENTAL HEALTH CARE

This project is a comprehensive mental health management platform that includes three main portals for Admin, Patient, and Therapist roles. The system facilitates efficient mental health care management by allowing administrators, therapists, and patients to interact within a single platform. Key functionalities include:

- **Admin Portal:** Admins have full access to the system, where they can manage patients, therapists, and tenancies (hospitals). They are responsible for adding and assigning patients and therapists to specific tenancies, ensuring smooth operation across multiple hospital networks.
- **Therapist Portal:** Therapists can work in multiple tenancies and have the ability to create their availability schedule via a calendar system. They can also manage patient records, including creating and updating health histories, making it easy to track patient progress across sessions.
- **Patient Portal:** Patients can view therapist availability and book appointments. They have the flexibility to choose the type of appointment, including face-to-face, phone, or video call sessions, depending on their preference and therapist availability.

This platform aims to streamline mental health care services by providing a seamless, user-friendly experience for administrators, therapists, and patients.

**Key Skills : Angular, Nest JS, PostgreSQL, PgAdmin**

In this project, Implemented advanced security measures including encryption, two-factor authentication, and role-based access control to safeguard applications. Additionally, developed and integrated algorithms to solve complex tasks, optimizing system performance and functionality.

I developed the core functionalities for each platform. I worked on integrating the calendar feature for therapists, enabling them to manage their schedules effectively across multiple tenancies. I also implemented the appointment booking system for patients, ensuring they could easily select appointment types and time slots. Additionally, I managed the development of the Admin portal, focusing on user management, tenancy assignments, and comprehensive access control.

## Solar Management System

The project involves developing a solar energy management system that is designed to optimize energy usage for households equipped with rooftop solar panels. This system calculates power generation and consumption to help users reduce their electricity costs. The platform includes various modules focused on different aspects of solar energy, such as: Carbon Efficiency, Performance Monitoring, Power Quality, Financial Analysis.

### Key Skills : Angular, Nest JS, PostgreSQL

I also implemented real-time data visualization using socket connections to deliver live updates on solar energy production. Integrated advanced security measures to ensure platform integrity and protect sensitive user data. Developed a comprehensive API to generate solar reports, including energy production, carbon offset, and performance metrics across multiple modules. Implemented data aggregation and analytics to monitor system performance, aiding in decision-making for efficiency improvements.

I worked on various kinds of modules like solar, performance, intelligence. Get end user and device data using reactive form. Made a different type of chart (am5 chart) to show solar reports and energy. Worked on am5 charts like line chart, radar chart, pie chart, sliced chart etc.

## Loan Management System

This loan management system is designed to streamline loan applications, approvals, and tracking for organizations, with three dedicated portals for **Admin**, **Employer**, and **Employee** roles:

- **Employee Portal:** Employees can apply for loans based on their personal requirements. The application process is simple and user-friendly, allowing employees to submit their requests directly to their employer for review.
- **Employer Portal:** Employers receive and review loan applications from employees. They have the authority to fully approve, partially approve, or reject loan requests. Employers can also generate and download loan statements, providing a clear overview of each loan status and details.
- **Admin Portal:** The admin has comprehensive access to all features, including viewing and managing all loan applications, employee details, and employer information. The admin dashboard categorizes loans by their status (pending, approved, partially approved, and rejected), making it easy to track the overall loan process.

### Key Skills : ReactJS, Nest JS, PostgreSQL, PgAdmin

Using Nest JS develop various API including Loans, User Authentication using JWT Token, CMS module. Designed and implemented backend APIs for creating loans, managing employer and employee records, and handling loan-related calculations. Developed api for calculating loan amounts and interest, ensuring accurate and timely financial processing.

Worked on making a different loan application form using ReactJS, which collects employer and employee data. Managing different user login role wise using authguard. Worked on bar chart and line to show employer analytics. I involved developing key functionalities across Admin and Employer portal. I implemented the loan application feature for employees, allowing them to initiate and submit loan requests. I also built the approval workflow for employers, enabling them to review and manage loan requests effectively.

## Building Bridge Communication

A mobile application designed to support at-risk children by providing a safe platform for anti-bullying initiatives. Features include real-time chat, secure reporting, and community-building tools to foster a supportive environment

- **Frontend Development:** Designed and implemented user-friendly admin and volunteer panels with an intuitive UI/UX.
- **Multiple Image Uploads:** Build functionality for uploading and managing multiple images efficiently.
- **Designed Database Architecture:** Engineered a scalable and efficient database structure to support user management, real-time communication, and reporting features.
- **Developed RESTful APIs:** Created secure and robust APIs to facilitate seamless interaction between the mobile app and backend services.
- **Sprint Planning and Task Assignment:** Collaborated with cross-functional teams to plan sprints, assign tasks, and ensure timely delivery of project milestones

**Key Skills :** ReactJS, Next.js, NestJS, MongoDB