

Sonal Gupta

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- 2+ Years of experience in building REST APIs, Reusable node libraries, integrating third party applications , building reusable frontend components , `Database Administration and Database Security
- Worked on Client Handling and Communication, Handled Lots of POCs, Research and Development Skills
- Have Experience on working with wide range of technologies such as azure, Power Automation, Microsoft Adaptive Cards and familiar with Docker, Kubernetes and Power Apps
- Passionate About Setting Up Database From Scratch, Have Problem Solving Skill , Team Player and Ownership of deliveries and Fast Learner .
- Experienced in writing Unit Test and Regression Test to ensure product quality.

SKILLS

Backend Development Technologies

Node.js, Express.js

Development Methodologies

Object Oriented Programming, Various Design Patterns (Singleton, Factory ,Observer),Event Driven Architecture, API First Development, Modular Coding , Version Control, Agile Development ,Microservice Architecture

Integration

Twilio, Microsoft Teams, SendGrid, Microsoft Outlook

MSSQL Database Administration

DBA Administrator and Security Management

NoSQL Database

MongoDB

Automation

Power Automate

Cloud Infrastructure

MSSQL Flexible Servers and Administration, Azure Monitoring and Alerts, Storage Accounts

Tools

VSCode, Postman, Microsoft Server Management and MS SQL Data Studio And MONGODB Compass

PROJECTS EXPERIENCE

Executive Software Developer

Empclaims (US Healthcare Company)

Aug 2022 - Present

Ahmedabad, Gujarat,
India

1. Wurklist

Project Description: Contributed to the development of a comprehensive application with a **task manager**, **workflow builder**, **timesheet** and **bot manager** to streamline task assignment, automate workflows, track user activity and monitor bot execution. I worked as part of the development team from the beginning to build each module within the application.

Responsibilities:

- Developed and Optimised **REST APIs** for each module.
- Written API documentation and maintained application APIs using postman
- Worked with **MongoDB** database for storing and encrypting application data
- Deployed and monitored **MSSQL Server** on **Microsoft Azure**. I have implemented **Encryptions, Data Masking, Triggers, Stored Procedures** to overcome various challenging within the application.
- Improved application security by implementing **encryption strategies** such as Discriminative Encryption, Randomised Encryption and Data Masking
- Successfully created integration libraries for - **Email Integration, Microsoft Teams** Channel, **Twilio** SMS and Calls, **CSV file processing**, Using **stored procedures** and **data transformation** etc.
- We improved the application from a monolith code to modular code by implementing different layers in the codebase such as persistent layer, middleware, database layer, business layer etc.

2. Email AI

Project Description: Developed an application from scratch using **Generative AI, Power Automate, Node JS, React JS** and **MSSQL Database** that is used to route the product enquiry emails to correct recipients in a structured format using user defined rules on Email AI Web portal. This automated workflow streamlines the product lead conversion process by reducing operational overhead and accelerates daily workload.

Responsibilities:

- **Developed automation using Power Automate** to connect client's mailbox, user defined rules and automate email delivery.
- **Developed adaptive cards within emails**, empowering tenant users to update data directly from the email interface
- Designed user interface and lightweight **REST APIs** for client to define rules for email routing
- Integrated **Chat GPT** to extract meaningful data out of emails and supply it to the Node JS application in a structured format
- **Deployed application securely on an IIS server** ensuring secure and reliable access.

EDUCATION

Sardar Vallabhbhai Patel Institute of Technology, Vasad (2019-2023).
Bachelor's in information technology

9.01 CGPA, 2023