

# VEDANT SOLANKI

## TECHNICAL SOLUTION ARCHITECT



## PERSONAL PROFILE

Technical Solution Architect with 8 years of expertise in web and mobile application development, specializing in backend architecture and API integration.

## SKILLS

- **Languages** : Python
- **Databases** : MySQL, PostgreSQL
- **Tools / Framework / Libraries** : Django, Git, Linux, Docker , Flask, Github, Streamlit
- **Cloud** : GCP
- **Familiar with** : Jenkins, Nest.Js, AWS S3, Sentry, Kafka, GraphQL, Protobuf, React Js
- **Generative AI Tools** : OpenAI API , LangChain, Midjourney, Prompt Engineering

## EDUCATION

B.E in Computer Engineering, May 2015

## CONTACT INFORMATION

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## WORK EXPERIENCE

### Technical Solution Architect

SmartQ , April 2023 - Present

- **Led the development of a favorites feature**, enabling users to mark preferred items and providing personalized suggestions based on food preferences, time of day, and usage patterns, thereby setting a foundation for enhanced personalization.
- **Led the architecture and integration development** with a Swedish company for their smart walk-in store and vending machine, significantly improving operational efficiency.
- **Architected a cloud monitoring system** with region-specific alerting policies, improving operational reliability and response time to API, system, and service failures.
- **Designed and implemented seamless integration** with a third-party system for ordering from vending machines through our app, enhancing user experience.

Python

Flask

GCP

Redis

oAuth

### Senior Software Engineer

Itilite Technologies , September 2022 - April 2023

- **Led a team** to enhance corporate travel and expense management solutions, developing and optimizing backend features using Python, Django, GraphQL, and PostgreSQL.
- **Optimized** Docker images by introducing multi-stage builds and volume management, reducing deployment time by **50%**
- Improved application performance and system stability through effective architecture and implementation of new modules.

Python

Django

MySQL

### Software Engineer II

Olx People | Betterplace , September 2021 - September 2022

- Improved notification service **performance by 30%** by fine-tuning Kafka configurations, including producer settings and partitioning, to achieve lower latency in message delivery.
- Developed and deployed a mobile e-bike service for blue-collar workers, enabling efficient e-bike requests.
- Designed and implemented an attendance module for mobile devices, enhancing workforce management efficiency.

Python

Django

GraphQL

Nest.js

PostgreSQL

# VEDANT SOLANKI

## TECHNICAL SOLUTION ARCHITECT



## PERSONAL INTERESTS

- Photography
- Solo travelling
- Reading
- Sketching

## Software Engineer II

Visible Alpha , June 2017 - March 2021

- Developed a financial analysis module used by hedge fund analysts to analyze forecast and historical data across industries.
- Co-Developed an **in-house web analytics tool** to track user activity and generate detailed reports.
- Contributed in Sharding initiative, improving data fetching performance and **reducing load time by 20%**.

Python

Django

MySQL

PubSub

Angular 8

## Software Engineer Trainee

Vistaar Technologies , June 2015 - Feb 2016

- Contributed to the development of a pricing management solution for a Fortune 500 company.

## PERSONAL PROJECTS

### Data Genie

- Built an interactive application that leverages OpenAI and LangChain to enable users to **query their databases in natural language**, providing insights and visualizations based on user questions.

### PR-Agent

- Created an automated assistant that connects to GitHub using user credentials. It listens for new pull requests in specified repositories and instantly posts details about each PR to a designated Slack channel, including a summary of changes and any code review comments, ensuring seamless communication and updates for the development team.

### Repo Explorer

- Developed a tool that connects to GitHub repositories, **allowing users to ask questions or seek clarification about the codebase**. Utilizing OpenAI and LangChain, it provides detailed answers and guidance to enhance understanding of the repository.

### Crypto Tracker

- Created a PWA for Crypto Tracker to provide **real-time updates on cryptocurrencies** using the CoinGecko API.

### Covid19 India Resources

- Developed a web app that consolidates COVID-19 resources, including oxygen, bed, and medicine availability, sourced from Twitter and government organizations.