

vipul vyas

Software Design Engineer

Experienced software developer with 2+ years in a startup product company. Skilled in delivering innovative solutions and contributing to successful product launches.

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📞 7016426214

📄 vipulvyas.github.io/

🐙 github.com/vipulvyas

EDUCATION

Computer Engineering

Dharmsinh Desai University (DDU)

07/2017 - 06/2021

Nadiad, India

Coursework

- Data Structures, Algorithms, Databases, Web Development, Operating Systems, Networking, Machine Learning

WORK EXPERIENCE

Software design Engineer II

Smartserv - Product based startup

07/2022 - Present

Pune, India

Achievements/Tasks

- Mentoring to intern.
- Designing and developing inventory management.
- Actively doing code review.
- AWS Lambda power tuning for cost and performance optimisation.

Software design Engineer I

Smartserv - Product based startup

07/2021 - 07/2022

Pune, India

Achievements/Tasks

- Security-related bug fixes & development, login flow correction, password reset flow correction, authorization on company wise, XSS protection in the frontend, and JWT key issue.
- Part of the growth team.
- Live Location Tracking and Analytic.
- Reports Database Design and Flow correction. converted reports normalized database into flattened tables to reduce joins in tables and made better performance. improved query time by 50%.
- Lead generation with Zapier. In this project end users can apply for services from third-party applications like Facebook, Instagram, and many more using different types of formats like google Forms, or custom forms.
- Billing Calculation Centralization: Refactored the logic for invoice calculations, in order to comply with the tax calculations for various countries. Developed this module as a separate node module that can be used across the Web, Android, and IOS platforms ensuring 100% uniformity in calculations across the platform.

Software Engineer Intern

Smartserv - Product based startup

01/2021 - 07/2021

Pune, India

Achievements/Tasks

- Developed and refactored the MEAN stack web application which helps the end-user to add service requests.

SKILLS

Javascript

Python

Node.js

React.js

Django

Mysql

MongoDB

Elastic Search

Redis

OOPs

Data Structures and Algorithms

AWS

Web Security

ELK Stack

Debugging

Googling

Docker

Problem Solving

WebSocket

WebRTC

PERSONAL PROJECTS

Log Monitoring | ELK stack

- Log monitoring using Elastic search, Logstash, Kibana and Filebeat
- Front end Error logs and Server Error logs

Open Source Project | adjust-timezone | NPM Package

- adjust-timezone is for adjust date time while sending and receiving date time in different time zone.
- NPM package: <https://www.npmjs.com/package/adjust-timezone>

QA Automation Framework | Python | Selenium

- Developed module wise QA automation testing framework. (30% done)

Scale WebSocket using Load balancer and Redis

- Ref. <https://github.com/vipulvyas/Socket/tree/main/Ws-scalability-haproxy-redis>

Multi player game using WebSocket

- Ref. <https://github.com/vipulvyas/Socket/tree/main/multiplayer-cell-game>

ACHIEVEMENTS

Achiever of the month

Github badges (Arctic Code Vault Contributor and Pull Shark)

Certified Ethical Hacker (CEH)

LANGUAGES

English

Professional Working Proficiency

Hindi

Full Professional Proficiency

Gujrati

Native or Bilingual Proficiency