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SATVIK THAKRAL

Senior Software Developer

TECHNICAL SKILLS

Python

Django

SQL

PostgreSQL

RabbitMQ

Redis

Microservices

REST API

AWS

OOPS

PROFESSIONAL EXPERIENCE

Senior Software Engineer

Sep '19 - Present

Quovantis Technologies

Noida, Uttar Pradesh

CSV Upload Code Refactoring

- Refactored the module used for subscribing members to lists and segments via CSV
- Tech involved** - Python, AWS S3, Pandas, Redis, Celery, Pika
- Impact** - Increased upload capacity for **CSVs** from **50 to 200 MB**, and provided **granular control**

Integration with Google's Rich Communication Services

- Took **ownership** and **led** a team of 4 engineers to integrate RCS - an **enhanced messaging service** - to the existing application
- Tech involved** - Python, Flask, Docker, AWS components, RabbitMQ, Gunicorn
- Impact** - Enhanced product **outreach** by introducing this **4th channel** in the core application (in addition to Email, SMS, PN)

Blue-Green Deployment

- Blue-Green deployment uses **parallel running production environments** with a load-balancer to switch traffic
- Was responsible for **ideation** and **research**
- Impact** - Enabled up to **99% uptime** for the core application (**First time at the company**)

Software Engineer

Sep '17 - Sep '19

Quovantis Technologies

Noida, Uttar Pradesh

Master-slave database cluster

- Set up a **high availability** master-slave database cluster
- Tech involved** - PostgreSQL Streaming Replication
- Impact** - Reduced **read query load** on the master server by **up to 50%**

Eloqua Integration

- Eloqua is a SaaS platform that helps organizations manage marketing campaigns and sales lead generation through emails
- Developed a **middleware** solution between Eloqua and the core platform
- Tech involved** - Oracle Eloqua, Python, Flask, Celery
- Impact** - Enhanced **client outreach** by enabling **text message delivery** through the middleware

Link Shortening Microservice

- Developed a link shortening **microservice** with **branding** and **tracking** capabilities
- Tech involved** - Python, Django, Docker, Gunicorn, Buildpacks

Systems Engineer

Jul '15 - Sep '17

Infosys

Hyderabad, Telangana

- Implemented solutions to **automate solutions** of SAP transactional issues using **Python**

EDUCATION

Guru Gobind Singh Indraprastha University

Aug '11 - Jul '15

B.Tech (CSE) - 71.8%

Delhi

Mata Jai Kaur Public School

Apr '08 - Mar '09

CBSE - Class 12th - 87.4%

Delhi