Shenoy Dsouza

Senior Software Engineer
Dabolim, Goa, India | +91 8550913482 | shenoy.dsouza.alt@gmail.com | Github | LinkedIn

Senior Software Engineer with over **9 years** of experience developing **backend systems** for customer-centric products using **PHP**, **Python**,**Django**, **MySQL** with help of cloud platforms like **AWS**. Proven track record of leading a team, and collaborating with stakeholders and **working** knowledge of **GenAI with LLM models.**

SKILLS

Technical Skills

Advanced: Python, PHP, MySQL, Redis, Docker, API caching, API profiling, SQL profiling, Unit testing, Microservices
Intermediate: Javascript, AWS (S3, RDS, API Gateway, CloudWatch)
Basic: Node JS, HTML/CSS/JQuery

Frameworks/Tools

Django REST framework, Lumen, Laravel, Code Igniter, Git

Non-Technical Skills

Leadership, Teamwork

PROFESSIONAL EXPERIENCE

SENIOR SOFTWARE ENGINEER
12/2021 – Present | Noida

MyOperator Pvt. Ltd
- Developing and Maintaining REST APIs.
- Contributed to the code review process to ensure code quality
- Implemented API caching techniques, resulting in significantly faster data retrieval and reduced server load.
- Implemented test cases using pytest to ensure the reliability and stability of the APIs.
- Utilized Celery for asynchronous task processing, Celery Beat for scheduling periodic tasks, and Celery Flower for real-time monitoring of task queues

SENIOR SOFTWARE ENGINEER
08/2017 – 11/2021 | Goa

Bidchat Software Development Pvt. Ltd
- Developing and Maintaining REST APIs for SaaS platforms..
- Developing and maintaining the core back-end functionalities of the company's e- commerce product with **a user base of upwards of 1 million.**
- Built and led a team consisting of junior and mid-level developers.
- Contributed to the code review process to ensure code quality, mentored junior developers, and was responsible for leading scrum calls for updates.
- Led a cost reduction initiative by optimizing SQL queries, enabling us to utilize a more **cost-effective** RDS instance type.
- Collaborated with cross-functional teams to deliver tasks/features on time.
- Enhanced API security to reduce DDoS attacks and prevent SQL injections
- Implemented an API caching technique that resulted in an average improvement of nearly **40-50% in response time**.
- Developed an automated driver-break module for our drivers, resulting in a reduction of manual work.

- Handled the CRM team requests by providing useful consumer data to target the correct audience.
- Integrated an RMQ broker in the application.
- Was part of a team that introduced **SQL transactions** in queries to maintain consistent data

FULL STACK DEVELOPER
Genora Infotech PVT LTD

10/2015 – 07/2017 | Goa

- Involved in backend and frontend development of various websites and admin portals using server side technologies
- Web services for mobile applications
- Played an active role in performing feasibility analysis.
- Learned API and SQL testing methods from peers.

EDUCATION

Bachelor of Engineering — Computer Science
DON BOSCO COLLEGE OF ENGINEERING, Goa

2015

PROJECTS

Accounts Panels Manage billing	2021–Present
Grassdoor *California's Most Trusted Cannabis Delivery Service*	2018 – 2021
ServU Admin Panel *Application to book services online.*	2017 – 2018
College ERP, Admin Panel *A college administers all its activities.*	2015 – 2017

Personal AI Projects

PDF-QA-BOT
AI-powered PDF Q&A using FAISS & Llama 3.2.

DineBot AI
Food chatbot for recipes, nutrition & management.

Order Bot
AI-powered food delivery assistant with smart search.