

MUHAMMAD SHUAIB ANSARI

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EXPERIENCE

ONORALL TECHNOLOGIES PVT LTD, Trilok Puri, New Delhi

Backend Developer

MARCH 2022 – MAY 2024

- Led implementation of advance video-related features like compression, dynamic adaptive bitrate streaming, auto thumbnail generation and watermarking, enhancing user experience.
- Engineered high-performance RESTful APIs, optimizing communication between frontend and backend systems, resulting in around 25% reduction in response time, while designing and modeling database schemas with master-slave db-techniques.
- Integrated microservices architecture for scalability and flexibility, enabling seamless communication between different microservice.
- Orchestrated deployment using docker, docker-compose and Nginx on GCP Compute Engine, ensuring robust and scalable infrastructure.

YATRIPAY LIMITED, Remote

Freelance Backend Developer

MAY 2024 - JULY 2024

- Developed core features for a decentralized payment system including user wallet related functionalities, token swapping, staking, buy/sell operations.
- Implemented user wallets for BNB, BTC, ETH, YTP, and fiat currencies (INR, USDT).
- Designed APIs for secure transaction processing and currency exchange.
- Utilized Ethereum smart contracts to ensure secure transactions.

TALENTSTORY SOLUTION INDIA PVT LTD, Remote

Django Developer

DEC 2021 - FEB 2022

- Developed high-performance RESTful APIs, leveraging asynchronous programming, caching mechanism and optimize database queries, resulting in improve resource management and a 60% reduction in response time.
- Implemented real-time chat functionality using channels, seamlessly integrated third-party services including GCP bucket storage and CDN for enhanced functionality and improve content delivery.
- Automated repetitive tasks with cron jobs, utilizing a priority queue for task management, thereby reducing server load by around 15% and significantly enhancing overall system efficiency.

CHAT360 PVT LTD, Remote

Django Developer (intern)

AUG 2021 - DEC 2021

- Employed JavaScript alongside Django to craft dynamic web pages, enriching user interactivity and experience.
- Implemented real-time data processing for chat analysis, enabling instant insights and actionable intelligence for clients.
- Utilizing Razorpay for payment integration and implemented secure authentication and authorization using JWT.

SKILLS

PROGRAMMING LANGUAGES

- Python
- JS
- C++
- GO

FRAMEWORKS & LIBRARIES

- Django (Expert)
- Django Rest Framework
- Channels (Websocket)
- Celery
- FastAPI
- Numpy
- Pandas
- SQLAlchemy
- Pydantic
- RabbitMQ
- Kafka
- Beautiful Soup
- Tkinter
- Selenium
- Tailwind CSS
- Node.js
- React.js
- Jquery

DATABASES

- Postgres
- MongoDB
- MySQL
- Redis
- Sqlite3

SERVER MANAGEMENT TOOLS

- Nginx
- Apache

CONTAINERIZATION TOOLS

- Docker
- Kubernetes

CLOUD PLATFORM

- GCP
- AWS

OPERATING SYSTEM

- Linux
- Windows

VERSION CONTROL

- Git
- SVN

Data Science (intern)

FEB 2021 - JUNE 2021

- Leveraged Numpy and Pandas for extracting valuable insights from large datasets.
- Integrated real-time data streams from multiple sources for live market analysis and decision support.
- Implemented Custom Stock Indicators for large datasets.

PROJECTS

Decentralized Payment System for Yatipay.com - (MAY 2024-JULY 2024)

<https://stagingv3.yatipay.com>

- Developed core features including wallet functionalities, token swapping, staking, buy/sell operations.
- Supported BNB, BTC, ETH, YTP, and fiat currencies (INR, USDT).
- Designed secure transaction APIs, blockchain entries, automate routine tasks with celery and celery beat.

E-commerce Site — (FEB 2022-FEB 2022)

<https://shuaibansari.pythonanywhere.com>

- Crafted an E-commerce platform in django with online money transfer capabilities.
- Implemented Ajax for real-time order tracking system.
- Integrated Razorpay Payment Gateway for seamless payment processing.

Time Tracker (react + django + drf) — (FEB 2024-FEB 2024)

https://github.com/shuaibansari123/time_tracker_React_drf

- Implemented JWT and OAuth2 for secure authentication.
- Implemented microservice architecture using Docker and docker-compose.
- Utilize React.js for frontend and Django with DRF for backend.

EDUCATION

MANIPAL UNIVERSITY
JAIPUR

*Bachelors of Computer
Application*

MARCH 2021 - MARCH 2024

12th | 81% | 2019 | SARVODYA
BAL VIDYALAYA

10th | 86% | 2017 | SARVODYA
BAL VIDYALAY