Omkar Gulave
Software Developer

Experienced Backend Developer with **6+ years** in **Java and Python,** specializing in API services, database design and leading teams from product inception to end-to-end application development using latest technologies and **Azure Cloud Services.** Awarded for critical contributions leading to project success. As passionate about coding as I am about driving, one can depend on me to reach destination safely on time.

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WORK EXPERIENCE

Java/ Python Developer
MSCI

11/2020 - Present   *Pune, Maharashtra*

Tasks

- Collaborated on transitioning a new products from development to production readiness and successfully launched it for commercial use.
- Revamped existing applications in **Java** to achieve a **20x** performance boost, notably scaling up API performance from 100 (RPS) to an impressive **2000 (RPS).**
- Designed and implemented numerous ETL tools in **Python**, leveraging Azure services for the efficient processing of ESG data
- Led a 4+ team member in the orchestration of a cloud migration, shifting from on-premises services to Azure Services such as Cosmos DB, **Redis**, **Azure Kubernetes Service (AKS)**, and **Cassandra** and enabling seamless transition to the cloud environment.
- Architected a Cassandra table structure with high scalability to proficiently manage large datasets, complemented by a low-latency API service for enhanced efficiency and significant cost savings of **$15k/yr**
- Built Cloud Azure Infrastructure Configuration using **Terraform**, enabling the seamless provisioning of cloud resources.

Associate Software Developer
LogisticsNow

05/2018 - 12/2020   *Mulund, Mumbai- 400080*

Tasks

- Took a **leading role** in the design and establishment of the architecture for new products as one of the first developers in the startup.
- Coordinated a team of developers in the execution of an Auction Portal and devised the backend architecture for a Ratings & Reviews Application using **Python, Java**, and React.js
- Developed 5+ **API Services** for Applications: Search Service File upload service, E-mail Service using Sendgrid, Rating Algorithm, Clustering Algorithm
- Engineered a Procurement Analytics Tool aimed at aiding the business team in the analysis of vendor quotations and the selection of top-performing vendors reducing manually analysis time by 90%
- Database Design and Management.(**MongoDB**)

Internship
Siemens/JPM

01/2017 - 12/2017   *Mumbai*

Tasks

- Identified the **shortcomings** in the current production process and created a functional Kanban solution Scheduling enabling seamless communication and transparency between Vendor and Siemens enabling **cost savings** of INR 200k+
- Introduced a software-based alternative to the existing Excel storage to using VB and automated report generation providing saving **5+ man hours** on a monthly basis.
- Automated diverse manual tasks expediting processes while concurrently standardizing operations and minimizing errors resulting in over **50 man hours** saved monthly .
- Awarded high **distinctive grade** (10 pointer) for the internship project.

SKILLS / INTERESTS

`Python : 6+ yr` `Azure Services : 6+ yr`

`Java : 6+ yr` `REST API : 6+ yr`

`Cassandra` `NoSQL` `SQL` `R`

`Kubernetes and Docker` `MongoDB`

`Redis` `Cloud Technology`

`Unit, Regression and Load Testing`

`Scalable Architecture Design`

`Data Modelling` `Terraform`

EDUCATION

B.Tech Engineering, VJTI, Mumbai University (06/2014 - 06/2018)

- Designed and Implemented an **E-Kanban and Production Scheduling Software** for Switch Gear. Actively Participated in Robotics Events. Awarded high distinctive grade for the internship project.

ACHIEVEMENTS

MSCI Stars Awards Winner
Awarded MSCI Star Best Performing awards in 2022 and 2023

Awarded as the Best Individual Performer in Hackathon
Implemented Search Feature in application and developed a working application as a team's objective

IIT-JEE Advanced Rank Holder
IIT-JEE Qualifer: one of the hardest 10+2 level exam in India with 99.9+ percentile.