

Tabish Mazhari

Whitefield, Bangalore

Software Engineer | Python Developer | Backend Specialist | Scalable Systems Expert

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Experience

Hewlett Packard Enterprise (HPE)

July 2023 - June 2024

Senior Software Engineer

Project: Greenlake Compute Ops Management

YouTube Link

- Optimized the Job Scheduling Service by converting JSON payloads to **Protocol Buffers** for faster serialization and deserialization, boosting task execution speed by 65%, using Python and FastAPI.
- Enhanced the Resource Management Service by replacing iterative database queries with a bulk query and integrating **Redis** caching for frequently accessed data, reducing response time from 600ms to 250ms, achieving a 58% performance improvement.

Airbus

November 2021 - July 2023

SDE2

Project: 3D Repair

YouTube Link

- Led migration of the 3D Repair app to AWS, collaborating with cross-functional teams to enhance scalability, security, and performance while reducing downtime by 30%.

Mercedes-Benz Research and Development

March 2021 - August 2021

Senior Software Engineer

Project: Data Collector for Autonomous Cars

- Developed and deployed a Data Collector Tool to aggregate and validate sensor data from autonomous cars, utilizing **Kafka** for real-time streaming and improving testing accuracy and system reliability by 25%.
- Designed and implemented robust storage pipelines to ensure 99.9% availability of real-time data, optimizing analysis and decision-making for autonomous vehicle testing.

Blue Yonder

January 2020 - January 2021

Product Engineer

Project: Transport Management System

- Created a self-healing framework that automatically resolves system issues, reducing Jira tickets from customers by 70% and support staff requirements by 20%, using Python, FastAPI, Elasticsearch, Docker, Redis, Prometheus, and Grafana.

IBM

July 2018 - December 2019

Software Development Engineer

Project: IBM Cloud Brokerage

- Engineered a unified platform to provision and manage cloud services across AWS, GCP, and Azure, reducing provisioning time by 40% using Python and Django.
- Built a recommendation system to suggest optimal cloud services (AWS, GCP, Azure) based on performance requirements and budget, improving cost-efficiency and resource alignment with business needs.

Apple (wipro payroll)

March 2015 - June 2018

Software Engineer

Project: Room Look up App

- Enhanced room booking search by 50% using **Redis** caching, improving the global user experience.
- Integrated calendar sync capabilities using **Python Flask** and **OAuth 2.0**, reducing booking conflicts by 20%.

Skills

Python, Java, FastAPI, Kafka, Docker, Kubernetes, AWS, Redis, Microservice, Object Oriented Programming

Education

Magadh University

2009 - 2013

B.Tech in Computer Science Engineering