Ashish Soni

Python Developer

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Aim to obtain a position as an active employee in a growing, reputable company where I can contribute my Knowledge, proactive attitude, and positive atmosphere to help improve the company and myself.

Experience

Jr Python Developer (Facts Online pvt ltd)   *Jul 2023 - present*

- Contributed to the **Hand Over Take Over** (HOTO) project, streamlining transition processes.
- SSH with **Paramiko**: Utilized Paramiko for secure SSH connections, remote command execution, and file transfers, **integrating with MySQL** for database interactions.
- **Regex** Validation: Employed regex for extracting and validating data from server outputs, logs, and configurations, storing and managing results in MySQL.
- Monitoring and Reporting: Automated server monitoring, log analysis, and report generation to enhance operational efficiency, using **FastAPI to create APIs** for accessing monitoring data.
- Security and Efficiency: Ensured secure SSH communication, optimized scripts for reliability and speed, and integrated with MySQL for efficient data handling.
- Error Handling: Implemented robust **error handling** and **logging** for troubleshooting and maintaining script integrity, with FastAPI providing endpoints for error logs and status checks.
- Performance Optimization: Achieved a **40%** increase in speed by implementing the **multithreading** library for concurrent tasks, enhancing **performance** of FastAPI endpoints and MySQL queries.

Jr Software Engineer (Sesame Software Solution)   *Apr 2022 - Sep 2022*

- Web Development: Built dynamic web applications with **Django**, implementing RESTful APIs and integrating front-end technologies.
- Database Management: Used **Django ORM** with Post MySQL for efficient data handling and schema migrations.
- Security & Performance: Ensured security with Django's features, optimized performance via caching, and **query optimization**.

Skills

PROGRAMMINGS / TOOLS / SOFTWARES

- PYTHON & JS (Language) | Django, Fastapi (Frameworks)
- Pandas, Numpy, DSA
- HTML, CSS, Tailwind
- Mysql, Mongo (DB)
- PostMan, VsCode

Education

BNN College, Mumbai University   *2021*

- Bachelor of Science, Information Technology
- GPA: **9.1**

scholars jr college - HSC (science)   *2018*