MD ASIF

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SKILLS

Python | Flask| Jinja 2 | Fast API (Rest API's) | Django | JavaScript | MongoDB | Git | HTML | CSS

Linux | Solaris | JSON | Postman API | OOP | Ansible | S3Buckets | CI/CD

Microservices | Distributed Systems | Frontend | Backend | Full-Stack | English, kannada, Hindi– All professional proficiency or above

WORK EXPERIENCE

Software Engineer   *Jan2024 - Present*
Parablu Systems Inc.   Bengaluru,India

- **Ops Center Web Project**: Led the end-to-end implementation of the Ops Center web project, leveraging **Flask and Django frameworks**. Managed deployment on customer servers, focusing on performance optimization. Through this effort, reduced issue troubleshooting time to under 30 minutes and expedited resolution of customer tickets, frequently completing them within 2 hours."
- Designed and deployed scalable APIs and background workers using **Flask and Django**, facilitating the management of thousands of license requests daily, ensuring efficiency and reliability.
- Developed RESTful APIs using **FastAPI**, integrated with **Postman** for testing, and **MongoDB** for efficient data storage, ensuring high performance and scalability in handling diverse data operations.
- **Scalable Monitoring Tool**: Managed Ops Center with 200+ metrics, serving 1000+ users
- **Deployment Achievement**: Deployed on AWS EC2 using Gunicorn WSGI and Nginx reverse proxy which handled 1000+ requests a day
- **RESTful API Development**:Designed, developed, and rigorously tested APIs for generating reports across various metrics. These reports were generated and seamlessly delivered to 1000+ users on a daily basis, ensuring a smooth and efficient process.
- **Large File Backup Module**:Created efficient backup modules using **flask and Python**,ensuring efficient and secure backup operations.
- Developed and tested Map module using **Flask and MongoDB** integration.
- Continuous Integration/Deployment Pipeline Integration, pull requests, code reviews, load/stress testing, unit/integration/e2e testing.

Technical Support Engineer   *Aug2022-Dec2023*
Alshaya Group   Bengaluru, India

- **Task Automation:**
  - Designed and implemented **Python** scripts to automate routine tasks, resulting in a reduction in manual workload.
  - Developed custom Python scripts to monitor system performance and trigger alerts, ensuring uninterrupted operations.
  - Utilized Ansible for automating server management across the data center, improving efficiency and scalability.
- **Servers Managements:**
  - Managing and optimizing a fleet of **Linux and Solaris** servers, ensuring high availability and security.
  - Providing support for 3 data centers across the globe with 17,000+ Linux VMs, Linux servers, and Solaris servers.
  - To manage security-related management on Linux Box.
  - Successfully configured, installed, and tested client-site infrastructure, ensuring seamless operations.
- **Issue Resolution:** Handling daily issues and resolutions within specified timelines.
- **Main Point of Contact:** Acting as the main point of contact for providing hardware and software support and delivering technical services.

SDE Intern   *Sep 2021 – Mar 2022*
GyanMatrix Technologies Pvt. Ltd   Bengaluru,India

- Developed and implemented a Map module utilizing **React.js** for frontend development and **MongoDB** for backend data storage, enabling efficient visualization and management of geographic data.
- Developed and implemented multiple features in a MERN stack project, utilizing **React.js** as the primary frontend framework

- Implemented state management techniques, such as **Redux or Context API**, to efficiently manage and share data across different components.
- Modified **HTML, JS and CSS** to optimize the page's performance for faster loading and browsing for the existing websites.
- Contributed to daily stand-up meetings, sprint planning sessions, and retrospectives and ensuring adherence to **Agile methodologies** for consistent improvement across the **development lifecycle**, while working within a dynamic team environment.

PROJECTS

Automate the task of OS migration from legacy to version Oracle Linux 7.* Linux was completed.

An MFT service was set up and configured for business needs, with high availability for both the database and application.

Covid19 Detection : Creator of a ML Web project to help in early diagnosis of Covid 19 using Flask,AWS EC2, Mongo DB. .

CERTIFICATIONS

Microsoft Azure Administrator | Microsoft   *28th DEC 2023*
Designing and Implementing a Microsoft Azure AI Solution | Microsoft   *14th DEC 2023*
Crash Course on Python by Google | Coursera
Troubleshooting and Debugging Techniques by Google Coursera |

EDUCATION

THE OXFORD COLLEGE OF ENGINEERING   *July 2022*
B.E in Information Science and Engineering   *Bengaluru,India*