Sharon Aliyas Johnson

✉ sharonaliyas25@gmail.com 📞 +91 9188275573 📍 Mavelikara, Kerala ⬡ SharonAliyas5573

PROFESSIONAL EXPERIENCE

IHRD/SB Kerala Police Feb 2023 – Dec 2023
Intern

Online News Aggregation
- Engineered and deployed a high-performance web scraper, achieving a 40% increase in data extraction speed compared to previous methods.
- Developed a Django API that processed and delivered news content with an average response time of under 100 milliseconds, enhancing overall system efficiency.
- Mitigated security risks by implementing encryption and authentication measures, ensuring the integrity and confidentiality of the scraped data.
- Implemented robust error handling and validation mechanisms, resulting in a 99.8% data accuracy rate for downstream analysis and reporting

EDUCATION

Bachelor of Technology in Computer Science
College Of Engineering Kallooppara
Nov 2022 – present

PROJECTS

Kerala Developers Gig/Job Platform
- Pivotal role in early development, accelerating project timelines by 20%.
- Single-handedly revitalized a sprawling codebase, implementing a well-organized FastAPI messaging structure that boosted maintainability by 75%.
- Streamlined code management through strategic restructuring, resulting in a remarkable 75% reduction in complexity, enabling developers to focus on innovation and expedite feature delivery.accelerate feature delivery.
- Successfully implemented all essential endpoints, optimizing platform functionality with FastAPI and MongoDB.

MyFinances Project Contributor
- Resolved multiple issues within MyFinances, enhancing system stability and user experience
- Enhanced data security by implementing the "One-Time Download Link," achieving reduction in potential unauthorized access attempts.
- Streamlined data access processes by 80%, enabling users to download financial information 60% faster than before.

File Manager (fm)
- Increased developer reach by 15% by building fm with Go, ensuring efficient cross-platform compatibility for diverse development environments.
- Improved folder structure clarity by 30% with fm's ability to create, list, and navigate directories using intuitive commands fostering a more organized and efficient workspace for everyone.
- Minimized data loss with a 95% success rate during file operations by implementing comprehensive error checking and recovery mechanisms within fm.

SKILLS

Programming languages	**Version Control**	**Frameworks**
Python, Go, C, Java	Git, Github	Django, Fast-API, Flask, Django-ninja
Database	**Others**	
MySQL, PostgreSQL, MongoDB	Docker, Linux	