ASWIN A V

Kochi, Kerala

📞 +91 9746354664   ✉ aswinavofficial@gmail.com   in linkedin.com/in/aswinavofficial

Education

APJ Abdul Kalam Technological University, Kerala   **August 2015 - June 2019**

Bachelor of Technology in Computer Science Engineering(CGPA of 8.47)   *Kochi, India*

Experience

Thoughtworks   **May 2022 – Current**

Senior Consultant - Developer   *Bangalore, India*

- Orchestrated **analysis, design, and coding efforts** for key initiatives within the Order Fulfilment team of a **prominent UK based retailer**, including Real-Time Availability, Marketplace, Cloud Cost optimization, and Splunk Log optimization; **successfully released into production, driving operational efficiency and revenue growth**.
- Spearheaded the **Design and Development of the Rule Engine Service**, driving the **collaboration with the product manager to groom and refine functional and tech stories**. Developed and implemented core features following client guidelines, while setting up a robust CI/CD pipeline for seamless deployment across all environments. Provided ongoing monitoring and support to **ensure optimal performance and user satisfaction throughout the project**.
- Demonstrated **exceptional performance in critical projects**, resulting in **accolades from Client Software Developer Manager and Head of Software Development** during Order Fulfilment level hands-on meetings, solidifying reputation as a valuable team member and **top performer**.
- Led the highly impactful **Splunk Log Optimization** initiative in the team, achieving a substantial **daily reduction of 250+ GB in log data**, resulting in an **annual cost savings of 40,000 GBP**.
- Delivered **impactful mentorship to newly onboarded graduate developers** within our team, **guiding them through their initial projects** and assisting in the **successful completion of their inaugural user stories**.
- Leveraged **Java, Spring Boot, Couchbase, Kafka and Kubernetes** to develop high-performance **microservices architecture**, enabling seamless data synchronization and achieving a **20% improvement in response time** for critical customer interactions

Tata Consultancy Services   **July 2019 – April 2022**

Software Developer - Digital Cadre   *Kochi, India*

- Contributed to the **strategic modernization of a complex legacy codebase** into a highly refined, maintainable, and **scalable system by leveraging microservices architecture** with **Java, Spring Boot, and Kubernetes**. The comprehensive overhaul resulted in significant advancements
- Achieved a substantial **60% increase in code quality metrics**, measured through improved readability and strict adherence to coding standards. This resulted in a more robust and maintainable codebase.
- Implemented strategic enhancements, yielding an impressive **30% reduction in response times** and a remarkable **40% increase in system throughput**. These optimizations markedly improved overall system responsiveness and performance.
- Implemented **microservices architecture for a leading US utility client**, seamlessly connecting NLP-based IVR application with customer data. Resulted **in efficient business logic execution**, proactive user notifications, and **a 40% reduction in customer support issues.**

Achievements

- **Spot Award** - Recognized for **exceptional innovation and strategic thinking** during the modernization of the complex legacy codebase. This award highlights the successful implementation of microservices architecture, showcasing adaptability and forward-thinking in addressing technological challenges.

- Acknowledged for **exceptional work in automation**, specifically in **identifying discrepancies in order orchestration** within the client's distributed system, resulting in a remarkable **80% decrease in recovery time for affected orders** and a substantial **enhancement in overall service efficiency**.

- Recognized at the Order Fulfilment Systems (OFS) all-hands meeting by the Technical Program Manager (TPM) for adeptly planning and executing **disaster recovery testing of Tier 1 applications** in production. **Automated application traffic and streamlined Couchbase XDCR replication switch** through **Azure DevOps pipelines**, resulting in a **substantial 50% reduction in recovery time** and also prevents human errors during disaster recovery scenarios.   ,

Technical Skills

Languages: Java, Python, SQL

Technologies/Frameworks/Libraries: Spring Boot, Kafka, Reactive Programming, Kubernetes, Locust, AWS, Azure

Databases: Couchbase, Postgres, Oracle