

ASWIN A V

Kochi, Kerala

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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

- Led the **analysis, design, and coding efforts** for pivotal initiatives within the **Order Fulfilment team of a prominent UK based retailer**, including Real-Time Availability, Marketplace, Cloud Cost optimization, Splunk Log optimization, ensuring successful releases into production.
- Led the **Design and Development of the Rule Engine Service**, handling key tasks such as Grooming Functional User stories with product manager, **Creation and refinement of tech stories, developing core features following client guidelines**, setting up CI/CD, deploying the API across all environments, monitoring and support.
- Received **accolades from the Client Software Developer Manager and Head of Software Development** during the Order Fulfilment level hands-on meetings **for exceptional contributions to the critical projects**
- Led the **Splunk Log Optimization** initiative in the Team, achieving a daily reduction of **250+ GB in log data**. Approx Cost **Savings per year - 40000 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**.
- Techstack: Java, Spring Boot, Couchbase, Kafka, Kubernetes, Amazon Web Services, Microsoft Azure Cloud

Tata Consultancy Services

July 2019 – Current

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.
- Played a key role in tailored **transformative efforts** for a prominent US based utility client, **contributing to the implementation of microservices as a crucial link between an NLP-based IVR application and customer data**. This contribution ensures seamless communication, efficient business logic execution, and proactive user notifications, **showcasing the adaptability of the microservices architecture**.

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