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PRAJWAL GURUMURTHY
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As much as I enjoy seeing the API platform handle failures gracefully, recover itself and manage the crisis, I also huddle with the team to learn from the mistakes and grow personally and professionally.

Career Highlights:

- Architect with apt experience in building cloud native API Platforms with a proven record of delivering business critical API platform powering tesco business.
- Currently I am managing the Tesco Fulfilment platform as a principal architect for Tesco Marketplace initiative.
- I have lead major initiatives in transforming tesco online and retail technology stack to offer omni channel experience to our customers with domain expertise in building end to end service interactions.
- I have created impact by mentoring and grooming talent pool with many initiatives across TESCO and CISCO.
- I have learnt the art of using the right tool for the task which gives the highest value.
- Conflict management , critical decision making, crisis handling are becoming the norm and necessity with my career progression.
- Templating and creating wire frameworks for improving engineering efficiency in the teams.[[r-Mat](#)]
- Was renowned for simplicity in giving many training on distributed technologies and fostering the culture of explaining things in simple words.(#UnJargon)

Key Areas:

- Cloud Native Applications
- Distributed systems
- Transactional APIs that power critical business requirements

Technical Profile:

Programming Languages	Java, Python
Cloud Technologies	Cassandra, Kafka ,Elastic, RabbitMQ, Couchbase, Redis, Kubernetes, ISTIO, APIGEE, AWS, OAuth
Frameworks	Spring, Spring-Cloud, Spring-Boot, Spring Reactor
Client Application Development	Android, Android NDK, Android ADK
Version Control	GIT and SVM
Machine Learning	Regression, Classification, Anomaly Detection, Collaborative filtering, Neural Networks , RNN, CNN, Policy Networks, Word2Vec
Machine Learning Tools	Octave

Projects and Career Profile



Tesco Technologies Private Limited, Bengaluru, Karnataka, India : [2018 - Present Day]

Roles : SDE3/PSDE in Customer order and Order fulfilment platform to power new TESCO omni channel mission.

Highlights:

Technologies: Spring, Couchbase , Elastic, Kubernetes, ISTIO, AWS, APIGEE, Redis, Splunk, Prometheus

Currently managing the fulfilment platform for Marketplace program as a principal architect. Built the Customer order platform ground up right from handling the first order to 1million orders per day.

- Switch to new enterprise fulfilment stack from legacy with no glitch to existing picking and delivery operations, platform to handle ~40k tps.
- High resiliency design in place to ensure timely delivery of orders and payment
- Split Order into relevant Fulfilment orders based on sourcing logic, feeds order data into picking and transport for picking and delivery optimization.
- Key contributor to TESCO shared platform for sharing reusable libraries.[Distributed transaction manager, effective-log-utils, Istio service mesh, DOSA for IAC, resiliency Matrix]
- Concurrency and Idempotent design in place for request handling in event consumers and APIs to recover from partial domain transaction failures.
- Clear Monitoring and tracing solutions for both business and platform debugging.
- Automated event workflows with both control and error channels to ensure fluent order journeys across multiple sub systems including Customer order, Pricing , Picking, payment and Transport service.



Cisco Video Technologies Private India Limited, Bengaluru, Karnataka, India: [2012 - 2018]

Cisco Video Technologies is a global video guard and video platform solution division under Cloud Solutions of CISCO systems for video service providers.

Highlights:

Technologies: Spring, Cassandra , Elastic, Openstack HOT, RabbitMQ, kubernetes, Couchbase, Docker

Roles: Developer, Technical Lead, Technical Product Owner

- Designed and implemented an efficient distributed cloud based API platform for Content metadata management.[Ingestion of metadata, cleansing, organising, indexing, storing to delivery of data at scale]
- Designed and lead the search service [Index and Query] for personalised video search and filtering use cases using elastic search and machine learning.

Academic Profile & Certifications

- Graduated in Bachelor of Engineering in Computer Science from Sri Jayachamarajendra College of Engineering, Mysore. [2012] with an aggregate of 9.1 CGPA
- Completed Certification of [Machine Learning by Andrew NG](#) from [StanfordOnline](#) with 95.7%.
- Certified Scrum Product Owner offered by Scrum Alliance