**[](https://www.coursera.org/account/accomplishments/verify/L7CQ2Y89YK7M) PRAJWAL GURUMURTHY**

**Software Development Engineer 2**

 **Tesco Technologies, Bengaluru, India**

../../../../Desktop/Blog_pic.png <https://www.linkedin.com/in/prajwal-gurumurthy/> **Email:** [**prajwalg91@gmail.com**](mailto:prajwalg91@gmail.com)

**../../../../Desktop/Screen%20Shot%202017-11-09%20at%208.37.44%20PM.png** <https://prajwalgurumurthy.github.io/> **Phone:** **+919036857356**

<https://github.com/PrajwalGurumurthy>

My objective as a software developer is to contribute to the pursuit of building intelligent machines that simplify our lives meanwhile get the essence of computing.

**Career Highlights:**

* Agilesoftware engineer with expertise in designing, developing and maintaining cloud ready enterprise applications based on Microservice Architecture.
* Architected Tesco enterprise customer order service which is deployed on Kubernetes which handles millions of Tesco orders across all channels.
* Migrated ~3 billion orders from legacy system to new enterprise customer order without any downtime.
* Designed workflows for Tesco enterprise customer order with services including order fulfilment service, Stock service, Contact service, Loss Prevention system, Payment and other Tesco domain services.
* Developed micro services for control plane in Cisco Infinite Video Platform.
* Certified Machine Learning Engineer from a non-credit course authorised by Stanford University offered through Coursera.
* Embraced the Blog as You Code approach to inculcate the habit of writing blogs about the problems that I solve as a way to test my understanding.[[prajwalgurumurthy.github.io](https://prajwalgurumurthy.github.io/notes/)]
* 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
* Applied machine learning

**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]**

Tesco, is a British multinational groceries and general merchandise retailer with more than 3500 stores across globe.  It is the third-largest retailer in the world measured by gross revenues.

**Highlights:**

**Technologies:** Spring, Couchbase , Elastic, Kubernetes, ISTIO, AWS, APIGEE, Redis

**Roles:** Developer, Architect

* Developed end to end design and architecture for Enterprise customer order[ECOS] which handles all Tesco orders across all channels
* Developed the Tesco Mobile sand Grocery Microservices within ECOS.
* Migrated ~3 billion order from legacy systems to new ECOS without any downtime which resulted in saving ~30000$ every month.
* Developed the APIGEE gateway configurations for ECOS.
* Developed the ISTIO configurations for routing requests to a fleet of microservices within ECOS.
* Designed the workflows for Ecos with other sub systems including Stock Service, Contact Service, Price and Promotions Engine, Order Fulfilment service, Loss Prevention System, Payment , UI server, Customer Engagement 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

**Customers:** Tatasky(Ind) , Kabel Deushland (Germany), sky(NZ), Verizon

**Roles:** Developer, Technical Lead, Technical Product Owner

* Designed and implemented an efficient distributed cloud based schema for tachyon.
* Lead & Developed a fully scalable cloud native VOD and content metadata micro service using reactive programming.
* Developed the Tenant Configuration, Job Manager & Scheduler micro-service for the Cisco Infinite Content Factory.
* Integrated **ELK** and **Zipkin** into IVP to ease the tracing of transactions in IVP.
* Developed the entire **CICD** pipeline for microservices using openshift.
* Developed a domain debugging solution “**Tracelight**” to debug the domain use cases.
* Technical Lead for RPIL Subscriber management microservice which enabled on boarding existing customers to use the new Infinite Video Platform along with legacy system
* Interacting with product management to understand the customer requirements and accordingly create and prioritise product backlog for the scrum team.

**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](https://www.coursera.org/account/accomplishments/verify/L7CQ2Y89YK7M) from [StanfordOnline](http://coursera.org/verify/L7CQ2Y89YK7M) with 95.7%.
* Certified Scrum Product Owner offered by Scrum Alliance