**Ganesh Maddipoti**

Solution Architect

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Bishopbriggs, Glasgow, UK.

**Summary**

Bringing over 15 years of experience in the industry, worked as solution architect, application programmer, data engineer, dev-ops and cloud associate.

As an architect, analyzing business requirements, designing solutions using best practices and principles, architecting using latest technologies and frameworks considering cost and performance.

As a application programmer, I am proficient in Java, Scala, and Python languages, spring micro services enabling me to develop robust applications across different devices, platforms, and environments.

As data engineer, involved in ingesting data from authorized sources, validating data sets, transforming them into models and extracting reports for business and giving meaningful insights for business.

As dev-ops and cloud associate, written pipelines to clone the source code, build, including integration tests and deploying to on-premise and cloud environments securely.

As agile team player, like to work in agile environment to deliver solutions iteratively with short times.

I am currently working as Delivery Project Lead with Mphasis UK Limited.

**Certifications**

* AWS certified solution architect associate
* Hashicorp certified Terraform associate
* Databricks certified lake-house fundamentals.
* PCAP™ – Certified Associate Python Programmer
* Oracle certified expert in Java, Web, and Enterprise Java Beans.
* Linux foundations certified system administrator

**Professional Experience**

Delivery Project Lead (Mphasis UK Limited) June 2020 – Present

* **JPMorgan** – Developing Everest data lake-house platform for ingestion, processing, and consumption.
* Working on developing data consumption services to integrate with BI tools like Dremio, Impala.
* Using Jenkins for continuous integration and deployment to environments.
* Using terraform modules to create infrastructure in AWS and deploy lambda functions.
* Using Apache Kafka as messaging framework between applications to communicate.
* Using Scala programming language and writing spark jobs for view creation and purge activities.
* **FedEx Logistics**– Developing Gemini application platform for processing shipments.
* Implementation of Workflow to automate the shipment submission to custom processing.
* Deploying services designed using spring boot to PCF.
* Involved in integration of Hazelcast caching and message framework with enterprise application.
* Involved in PI and sprint planning, architecture connects for breaking requirements into objectives, epics, stories, and tasks.

Technical Lead (DXC Technology) Sept 2016 – May 2020

* **American Airlines** – Creating full stack application for airport self-service machines/kiosks.
* Involved in creating Angular UI framework for SSM application.
* Integrated third party web services with SSM via Restful and secured using OAuth.
* Involved in integrating Angular framework with SSM back-end application.
* **Sabre Airlines** – Creating swing application for crew management.
* Involved in creating swing UI framework for crew manager application.
* Worked on caching mechanisms, to load session data for better performance.
* Worked on hibernate versioning feature to maintain multiple states of data.
* Worked on debugger tool for application event tracking and fault management.

Senior Consultant (Oracle) Oct 2015 – Sept 2016

* **Morrisons** – Development of ReIM (Retail invoice matching) application for automating invoicing matching.
* Worked on Oracle enterprise framework to develop the ReIM application.
* Involved in automation of order split, invoice split, manual matching, auto matching.
* Worked on automation of bulk invoice matching.

Team leader – Software (SLK Soft) Nov 2013 – Oct 2015

* **Fifth-Third Bank** – Developing core banking applications using IBM FileNet ECM and BPM frameworks.
* Development of Swing based dashboard for core banking.
* Involved in performance tuning by indexing and dynamic tab loading.
* Used IBM FileNet framework for enterprise ECM and BPM applications.

Team leader – Software (First Media Pvt Ltd.) Jun 2010 – Jun 2013

* **Ericsson Labs** – Development of full stack applications for IPTV monitoring.
* Revamping the old Xpertis application to Struts – Spring – Hibernate.
* Developing Stress Test Tool for Xpertis application.
* Involved in performance turning in application services/DB.
* Created exception, log frameworks for application debugging.

Software Engineer (Ocwen Financial) Oct 2006 – Sept 2009

* **Ocwen Bank** – Development of enterprise back-end applications for property/loan management.
* Development of Rest Estate Owned applications for property onboarding, loan maintenance, and load foreclosure.
* Developed application for dumping data from old DB to Oracle.
* Involved in application revamp from JSP to structs IBATIS frameworks.