KRISH AYYAGARI

Full Stack Developer | Java Developer | python Developer

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ORACLE Certified Associate

SUMMARY

Talented Full Stack Developer with 7 years of successful IT experience. Proven talent for developing innovative solutions to meet customer needs and support business goals. Diversified experience in Python, Java, Django, JavaScript, Oracle ERP and database management. Quickly adapts to new environments and masters new technologies. Logical, accountable and conscientious, thrives in demanding environments and manages multiple priorities. Consistently awarded for outstanding performance and results.

EXPERIENCE

Senior Software Engineer

MasterCard, St.Louis , USA   📅 11/2018 - Ongoing

MasterCard is one of the leading global payments & technology company that connects consumers, businesses, merchants, issuers & governments around the world.

- Brought MDES(Bulk tokens) to masses reducing time from 100 hrs to 24hr.
- Created new rest services for Apple message web services for Apple pay.
- Refactored legacy applications(Payment Account Reference Application) to a micro service architecture, Pivotal Cloud foundry.
- Worked on migrating multiple MDES application to the microservice architecture and cloud platforms.
- Worked on multi threading applications using camel, spring Boot and other restful services.
- Created various web services for MasterCard payment systems.
- Made efficient applications with using caches like ehCache, redis cache resulting high performance.

Full Stack Developer

Xpressdocs, Dallas , USA   📅 02/2017 - 10/2018

Developer and operator of an online marketing platform for enterprises and franchises. The company's platform comes with a complete suite of marketing products and programs, helping corporations maintain control over branding while providing teams with a self-serve platform to create personalized marketing materials.

- Mitigated revenue loss for Xpressdocs by developing, deploying, and stabilizing a Java tamper-proofing application.
- Developed Python scripts to automate manual tasks; reduced labor expenses by 160 hours per month
- Introduced new technology stack, python and django framework
- Developed a Full Stack Agent / Office Loading tool using Django, Python, MySQL, and Alert Mechanism, effectively reducing operational costs by 180 hours per month.
- Enhanced listing importer of existing Java application to accommodate multiple files simultaneously and increase speed.
- Optimized MySQL queries by 75% to improve server performance.
- Member of the DBA Admin team responsible for crucial tickets on MySQL and PostgreSQL, such as upgrades, backups, restorations, re-factorization, encryption and reporting.

ACHIEVEMENTS

💎 **Oracle Certified Associate, Java SE 8 Programmer**
September -2018

💎 **Achieved Pat on the Back**
Special award for playing key roles in projects delivery from Capgemini

💎 **Received Appreciation.**
Received appreciation from MasterCard directors for migrating complex projects to micro-services and PCF.

💎 **Received Outstanding Performance**
This is given to only 10 % of the 40,000 employees based on their yearly performance, 2012-2013 and 2014-2015

💎 **Received Appreciations award from customer (GE)**
Received from the Client General Electrical(GE) for successfully delivering critical project in 2015

SKILLS

SpringBoot	Proficient
Java	Proficient
Restful Web Services	Proficient
Pivotal Cloud Foundry	Advanced
Jenkins	Advanced
Micro Services	Proficient
Junit, Mockito	Expert
Python	Proficient
Django	Advanced

EXPERIENCE

Techinical Lead

Capgemini , Mumbai , India　　　📅 08/2012 - 01/2016

Capgemini SE is a French multinational professional services and business consulting corporation with over 200,000 employees in over 40 countries,

- Led a team of 8 employees, managed and delivered multiple complex R12 implementations on-time.
- Liaised with clients to identify and prioritize business requirement and expedite the projects based on business value.
- Provided business requirements, project planning and system configuration from gap analysis to implementation, data conversions.
- Developed technical solutions in Java and PL/SQL procedures and created Inbound, Outbound interfaces.
- Coached and developed team of 12 associates in Oracle purchasing, financial modules, java and PLSQL.
- Delivered crucial time sensitive projects for GE Aviation as Technical Lead.

PROJECTS

Migrating MDES to PCF, Microservices

📅 06/2019 - Ongoing

This project is upgrading the legacy application to new micro service architecture, converting the Jboss applications to Spring boot, Migrating to PCF(pivotal Cloud Foundry) environment

- Migrated the application to PCF cloud, configuring the build pipeline and PCF environment variables.
- Designed and developed the Code using Java8, SpringBoot and Micro service architecture.
- Confirguring ehcache and redis Cache management for better performance.

Apple Messaging Service

📅 04/2019 - 08/2019

This project allows an apple device to register for notifications and retrieve card holder messages submitted by the issuer.

- Created multiple rest services for registrations , de-registrations and re registration end points .
- Created Jenkins pipelines and unit testing covering 90% of the code.
- Migrated the application to PCF cloud for this feature.
- Designed and developed the Code using Java8 and Micro service architecture.

MDES Bulk Tokenization

📅 11/2018 - 04/2019

The project is to develop and support the management, generation, and provisioning of digital payment credentials into mobile devices, to enable simpler, more secure digital payment experiences.

- Created Camel routings for the automatic triggering using timer .
- Created Bulk inserts of tokens for android pay / apple pay using spring boot and rest services.
- Collaborated with team, wrote multiple Junits and pair programming.
- Created and consumed multiple rest services in MDES platforms.
- Pocs on multiple cloud environment, microservices for Mastercard platform migration.

SKILLS

HTML , CSS ,JavaScript　　　Advanced

Linux,Shell Scripting　　　Advanced

MySQL / Oracle / Postgres　　　Expert

Agile, Jira　　　Advanced

Oracle Apps　　　Proficient

Git , Elk stack , log4j　　　Proficient

Spring Frameworks , hibernate　　　Advanced

EDUCATION

Masters in computer Information Science

Saint Cloud State University

GPA **3.7** / 4.0

📅 12/2017

Masters in Software Engineering

JNTU Kakinada University

GPA **3.4** / 4.0

📅 06/2013

Bachelors in Computer Science and Engineering

JNTU Kakinada University

GPA **3.2** / 4.0

📅 05/2011

PROJECTS

Xpressproof

📅 11/2018 - Ongoing

Xpressdocs allows users to view orders in advance and make edits. This feature introduces complexities as it involves multiple technologies, including PHP, RabbitMQ, Java, JavaScript and Spring, Hibernate Frameworks

- Created Microservices with Java, Spring rest and JPA also created 100's of unit tests using Junit and Jmock
- Developed logs and dashboard in ELK to Monitor the production Issue.
- Created new production proofer (MacOS) for load balancing.
- Increased performance using JMS multi threaded application.

Automation of Implementation

📅 04/2017 - 05/2018

Automated manual tasks to support non-technical teams in performing job duties. Led project team of 5 involving varied technologies, such as Java, Spring Boot, Django and Python.

- Decreased labor expenses from 80 hours per month to less than 8 hours
- Automated and simplified processes;Decreased Revenue loss and improved customer satisfaction by using latest Frameworks.
- Reduced time frame for completing requests using python, Django and Pandas library.

DBA Admin

📅 01/2017 - 06/2017

Organizational changes within Xpressdocs required team to focus on efficiency, standardization, auditing, reporting and security of Xpressdocs database servers. Project was complex and involved MySQL, Postgres and Sql Server databases.

- Optimized more than 20 + queries increasing the efficiency by 50X faster
- created automated reporting, alerts using Python providing business value.
- Encrypting the confidential Database information using Hashing SHA-256 algorithms, Improvised the existing backup and restore process.

R12 implementations for GE

📅 02/2014 - 01/2016

Re-implemented SSS from Oracle 11i onto R12. This involves engaging different GE businesses and re-implement their businesses on the new R12 platform. I was Leading this project with a team of 8.
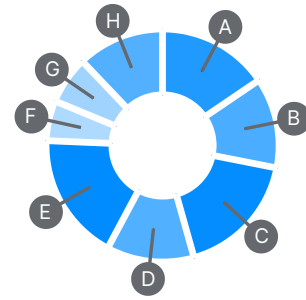
- Successfully delivered 3 full buy to pay OU's and 5 buy only OU's.
- Successfully reimplemented 11i to R12 which involved complex Migrations.
- Analyzed complex tax scenario's for African, UAE and US countries
- Received multiple client appreciations and awards from Client GE.

General Electrical Aviation (GECAS)

📅 08/2012 - 03/2014

Enhanced existing GECAS involving extensive customizations in SSS and use of Core Java, reports, PLSQL and workflows

- Analyzed prior implementation to make enhancements based on business needs; Developed and tested code.
- Involved in complex technical Enhancements for GECAS which involved multiple technologies like Java, OAF, UNIX and PLSQL Procedures
- Project involved Aviation service parts; ensured the provision of support for the platform.

AREAS OF EXPERTISE

- Ⓐ Enterprise Scale Solutions
- Ⓑ Agile Methodologies
- Ⓒ Scripting / Automation Solutions
- Ⓓ Analysis & Problem Solving
- Ⓔ Back-End & Front-End Development
- Ⓕ Data Profiling & Data Quality
- Ⓖ Application Requirements
- Ⓗ Technical Team Leadership

STRENGTHS

⭐ **Quick learner**
Successfully completed migrating the huge Legacy app to new micro service architecture with no knowledge transfers in MasterCard (we were the first team to migrate in to cloud in this Business unit of MasterCard)

⭐ **Leadership**
Lead 3 Projects around team of 8 members in capgemini , Backed up the technical lead in the Last project in his long absence

⭐ **Stress tolerance**
Responsible for Stage and Production support in Mastercard projects after the release until we handed off to operations team.

⭐ **Decision making skills.**
Responsible in taking critical key decisions in production cut overs , architectural changes and database designs