Venkata Ramana Cotra
Full Stack Developer

✉ cotravr777@gmail.com   📞 +91 8147767981

EMPLOYEEMENT HISTORY

Project Lead
Mphasis
2010-2024

Sr. Software Engineer
Encora
2007-2010

Software Engineer
Aztec
2004-2007

ONSITE EXPERIENCE

Worked in USA for 6 years (from Jan 2013 to Dec 2018)

Worked in UK(Glasgow) for 1 year 3 months (from Dec 2021 to March 2023) and valid visa exists till Dec 2024.

Skills

Front-end Stack: HTML | CSS | JavaScript |ReactJS

Back-end Stack: Java | Spring | Spring Boot | Webservices | NodeJS | Kafka

Database: Oracle | MongoDB | Cassandra

PROFESSIONAL SUMMARY

Having **Total IT experience of 20 years** out of which **relevant experience is 13 years** in designing, developing, and maintaining web applications for clients in the HealthCare, Insurance, ETL, Pharmaceutical, Banking, Mortgage domain sectors. Proficient in frontend technologies (HTML, CSS, javascript) and backend languages Java (Rest API, Microservices) with expertise in web frameworks ReactJS

WORK EXPERIENCE

Project: Expresso Shipping
Mphasis Pvt Ltd | India | Nov 2023 to Current
Environment: Core Java, Restful API (spring Boot), Oracle Database , Docker&Kubernates.

This system used to create pickups by using DWS, DSM UI and those requests are processed by dispatch system and sends to IROADS/flights are routed to deliver the item to the destination

Expresso Shipping system is designed SOA architecture it is used to pickup / delivery across global and it receives pickup request from upstream to process by dispatch application and sends information to Downstream.

- Enhancing DSM UI features based on user requirement.
- Developed and implemented Restful APIs for Microservices using Spring Boot, ensuring efficient communication and integration between various components of the system.
- Collaborated with cross-functional teams to gather requirements, design API contracts, and deliver solutions that met business objectives.

Project: Alerts and Notification
Mphasis UK Ltd | Glasgow, UK | Dec 2021 to Oct 2023
Environment: Core Java, Restful Web API (spring Boot), ReactJS, Cassandra, Kafka, AWS

It is an integration system used across different project to receive notification and alert in configurable channel (Email, Sound, Stream) based on Integration setup. The configurable setup is specific to project, if we take

example payment application uses Alerts & Notification to trigger events when transaction fails/successful, per day exceeded amount.

- Responsible for implementing Restful API's Developed Microservice using spring boot.
- Troubleshooting the defects and production issues to make the application stabilize.
- Monitoring the issues in Jira and pipeline builds in Jenkins/Jules
- Involved in replacing nirvana with Kafka as the messaging service in the Provider Library.
- Full stack developer responsible for implementing new features on the business requirement using Java and React JS technologies
- Responsible for writing test cases in Junit for Java and Jest for React JS
- Monitoring the pipeline builds in Jenkins/Jules

Project: PADL (Prediction Accounting Decision Layer)
Mphasis Pvt Ltd | India | June 2019 to Dec 2021
Environment: Java, Spring, Spring Boot, Hibernate, Oracle, ReactJS, NodeJS.

PADL (Prediction Account Decision Layer) This application is used for manages asset management system.it received xml from upstream source system (BANCS/CSIDE) PADL will parse xml mandatory fields are populated in PADL DB corresponding table. There are some non-Mandatory fields which are not persisted in PADL DB these are pass-through tags which are sent to downstream for payment and report purpose.

The source xml sent to PADL derive event which are configured based on Business rules and it sends to downstream. it will acknowledgement of response xml sent from PADL.

- Worked on Enhancement requirements.
- Involved to create UI & Rest API to display failed process and replay them.
- Root cause issues analysis and Bug fixes.

Project: USACH (BT Payments)
Mphasis Pvt Ltd | USA | June 2018 to June 2019
Environment: Java, Spring, Hibernate, Oracle

US-ACH is an electronic network for financial transactions in the United States. It processes large volumes of credit and debit transactions in batches, including direct deposit, payroll and vendor payments. Transactions are created by web application & Nacha file Load; these transactions are passed through workflow for Approvals, and Release payments. Based on Scheduled events all Release payments are generated .out file is sent by SFTP to back office for clearance.

- Engaged in customer query, issues resolution, and Resiliency releases and involved in meeting with vendor & requirements discussions.
- Requirement Analysis & design
- Enhancements and bug fixes

Project: AIG Interfaces
Mphasis Pvt Ltd | USA | October 2014 to May 2018
Environment: Java, JSP, Servlet, Perl and Oracle

Many individuals and their financial planners consider life insurance as the cornerstone of their financial plan. While the main purpose of life insurance is to help take care of your family in the event of your death, policies can also serve other purposes including:
- Providing funds to pay final expenses
- Creating an inheritance for your heirs
- Making charitable contributions in the event of your death

Term life insurance covers the policyholder for a specific amount of time, which is known as the "term." The term's length varies according to the product and the term that the individual chooses.

These UI interfaces web application is used to communication between BD (Broker Dealer) and AIG

- Involved NTT Migration
- Design and Development DTCC Policy Level & LDAP webservice.
- Involved in design & developing Out of box solutions

Project: BES HealthCare
Mphasis Pvt Ltd | USA | Nov 2013 to Sept 2014
Environment: Java, XML, JSP, Servlets and Oracle

Business Exchange Services (BES) provides scalable B2B solutions and Services that allow clients to better communicate connect and exchange data with their trading partners without the expense and complexity of installing and running a B2B environment themselves.
BES improves business performance and accelerates growth through platform optimization, integration, process & community management, and visibility service capabilities.
Key Success Factor: Ensure solution availability and value in order to retain existing clients and attract new clients.

- Involved in Requirement Analysis & Design phase
- Migrating existing application from WebMethods to Nextgen application
- Migrating UI application from webmethods to Servlets & JSP

Project: Equity Accelerator (EA)
Mphasis Pvt Ltd | USA | Nov 2012 to Oct 2013
Environment: J2EE, Power Builder, Oracle

The Equity Accelerator product provides accelerated and non-accelerated payments within the mortgage business vertical. It supports a variety of complex withdrawal and payment scheduling to match against paydays, due dates, check holds, and special consumer instructions.
The product is currently unique to the Western Union payments portfolio. While other products support recurring payments, they do not provide the same level of support for complex scheduling.
The product is currently limited to the mortgage vertical, and it does not provide reasonable access to support other products or verticals as a service.

- Enhancements existing features & development
- Involved in concistance production deployment & validation

Project: World Bank (Idesk)
Mphasis Pvt Ltd | India | Sep 2010 to Oct 2012
Environment: J2EE, EJB, flex

iDesk is a Project Tracking system for World Bank. All projects will be entered and recorded in this application from the beginning until the project is closed. All projects have various phases starting from requirement until the project is closed/dropped, all these stages will be tracked in this application. Respective owners can login and see the current status of the project by a single sign-on user ID and password. Each user has various level of access per the access policy of Bank.

Dots(Development outcome tracking system) is integrtaed application in idesk.It is used to for tracking system for the project which comes under world bank.It contains different tab like Administration,Indicator Management,Expected Development Impact,Additionality,IDG Attribution,Summary(beta)

- New report in Additionality tab
- Creating new tab development(i.e IDG Attribution tab)

Project: SUMS
Encora | India |June 2007 to Aug 2010
Environment: J2EE, JSF, STRUTS, Hibernate, EJB, Ajax

Scale-up Management System (SUMS) is enterprise software built on multi-dimensional perspectives (people, processes, materials, equipment) over time for primarily the Drug-development phase. With the Scale-up

Management System, a pharmaceutical company can simultaneously meeting compliance requirements.

Companies using Scale-up Management System can expect reductions in cost, improvements in product quality, and reduced risk. The database used is Oracle 10g.

Involved in the following important releases of SUMS as Designer/Developer –

1   Real-Office Review of the features of SP3 release of SUMS

2   Feature enhancements for customer specific requirements

3   Interaction with the clients/prospective clients on the requirements and

analysis/design of the requirements

Requirements modeling tool used is Borland Caliber

Analysis/Design modeling tool used is Borland Together (UML), MS Visio.

The application is coded in Eclipse 3.3 and deployed on web logic application

server 9.2.

This product improve scientific innovation; improve business and production

performance

Struts and hybernate technologies are used for poc.

- Part of Solution Engineering Group team
- Jasper reports generation based on client

Project: Edu Tone
Aztec Software | India |April 2006 to May 2007
Environment: J2EE, Pivot path, portal, Struts, MySQL, Jobs 4.0.2, Tomcat 5.0.28.

Edu Tone is an Integration framework which is used for integration & developing Portals for Educational institutes like county schools, district schools etc. at the various states of US. Edu Tone basically uses JASIG portal framework and Jam cracker's Pivot Path for portal framework and identity management respectively. Edu Tone mainly targets providing SSO (Single Sign On) for various applications to the users of the Portal. It also integrates with VIP Tone's inhouse developed components like VIP Pass, Data Zone etc.

Edu Tone helps educators create world-class school environments with one integrated solution for their learning, communication and collaboration needs.

- Was involved in configure JASIG portal configuration for specific clients
- JMeter is used to test performance and accordingly fixed the issues

Project: DT/Studio
Aztec Software | India | June 2004 to March 2006
Environment: Java, Xml and JDBC connectivity with Oracle8, SQL Server, DB2, Sybase, MySQL and Teradata.

DT/Studio is an ETL tool that is used to transform, migrate and integrate large quantities of data from disparate sources. It consists of a data DT/Console and the server component called DT/Engine, which takes care of the ETL Process, From Console Client request to engine and engine due process on the command and sends the response Kiesinger is used to create task and send request to engine process the command.

- Teradata Data Source is introduced and tested all the featured supported by DT/Studio accordingly enable/disabled.
- Developed InstallShield wizard which is used to install DT/Studio
- Ant Build Script updates for all applications.