

B.Pitchi ReddyE-mail:pbovilla@in.ibm.comMobile : 9731110920**Profile**

- Highly motivated IT Technical developer and lead with 12 years of experience who will be responsible for being on the front line leading and facilitating the identification, definition and delivery of application development solutions.
- Technical expertise on **Core Java, Spring, Spring Boot, REST API, Hibernate.**
- Technical experience on **Spring cloud, Micro Services.**
- Technical experience on Spring security oauth2 framework.
- Technical experience on Junit, Mockito frameworks.
- Technical experience on spring boot flyway.
- Experience in working Agile Methodologies.
- Deploying Docker images to Amazon EC2 container service in AWS.
- Worked on Auto Scaling, Load Balancing in AWS.
- Has strong ability to adapt to new technologies in less span of time.
- Good communication skills, interpersonal skills, self-motivated, quick learner, team player.
- Proficient in analysing and translating business requirements to technical requirements and architecture

Education

- **Master of Computer Applications, Sri Venkateswara University.**

EMPLOYMENT HISTORY

Duration	Organization	Designation
March 2019 to till date	IBM	Advisory System Analyst
April 2017 to Feb 2019	Capgemini	Senior consultant
March 2015 to March 2017	Wipro Technologies	Technical Lead
Sept 2010 to March 2015	Infosys Ltd	Technology Analyst
Nov 2007 to Aug 2010	Tech Mahindra	Technical Associate

PROFESSIONAL EXPERIENCE**IBM:**

Project Name : Crew Ride, BNSF Railway
Client : BNSF Railway
Role : Advisory System Analyst - Developer
Duration : March 2020 to May 2020
Technologies : Core Java, Groovy, Spring, Restful Web services, Hibernate, Spring Boot, Microservice
IDE Tools : Eclipse, STS (Spring Tool Suite).

Description:

Crew Ride is organisation level on demand travel assist web application, can be accessed on both Mobile and desktop devices. Application takes care of scheduling, notification, tracking real time position of vehicles, billing and payment disputes. The application is designed using event driven architecture and used Kafka as messaging bus and persists data on Cassandra database. Its highly available application deployed on cloud and implemented micro service architecture. Jenkins pipelines are used to deploy incremental changes and monitoring is done using Prometheus and Grafana

Core services are built using spring boot, groovy, spock. Authentication is managed by OAuth2 services.

Responsibilities:

- Performed unit testing and peer review for development team.
- Contributed to design systems architecture, execute business logic and support functions.
- Communicated with clients to enhance understanding of business lines and finalize its scope.
- Delivering the code on spock unit test cases and integration test cases.
- Delivering a relevant technical solution based on best practice / experience / similar projects

Project Name : In app Notifications, DBS
Client : DBS
Role : Advisory System Analyst - Developer
Duration : Aug 2019 to Jan 2020
Technologies : Core Java, Spring, Web services, Hibernate, Spring Boot, Microservice
IDE Tools : Eclipse, STS (Spring Tool Suite).
Description:

Managing alert notifications is a convenient way to view my notifications in one place and be able to manage them across systems and services, secure way to notify customers and is lowered at risk as compared to public open SMS and Email apps which becomes unable to impersonate.

An automated message sent by an application to a user when the application is not open, a push notification is a message that pops up on a mobile and internet banking both. As part of the implementation six services will be migrated from SMS to Mobile push channels on registration.

The internet banking of DBS is integrated with EON Tech framework which is a core banking system. The Front end part is built on using older version java, which is getting migrated to the java latest version. As part of this migration, there were several code changes done at minor level so as to support the new DB and the Application server. Changes had to be done at the java and the Front end

Responsibilities:

- Performed unit testing and peer review for development team.
- Contributed to design systems architecture, execute business logic and support functions.

- Communicated with clients to enhance understanding of business lines and finalize its scope.
- Involved in implementing persistence logic using JPA.
- Providing support for testers if there are any environment issues.
- Following up with sub system support if there are any blockages.
- Analysed the production issues as part of production support activities.

Project Name : Advanced Marketing Solutions (AMS)
Client : NCR Corp
Role : Advisory System Analyst - Developer
Duration : May2019 to Aug2019
Technologies : Core Java, Spring Boot, Rest API, GIT, Bit Bucket, Maven, Jenkins CI/CD
IDE Tools : Eclipse, STS (Spring Tool Suite).

Description:

The Advanced Marketing Solution (AMS) provides a consolidated means of executing targeted marketing through content management, offer automation, customer account management, and enterprise or store communication. It consists of the following major components:

- Logix Application
- Brokers
- Enterprise Promotion Engine

This publication defines the basic components of a Logix enterprise server and the corresponding requirements. It also describes the following required procedures to successfully install and configure the system:

Responsibilities :

- I have worked on NEP SDK upgrade java components from spring boot 1.5 to 2.0
- I have worked on java applications deployed on wild fly as well as from command prompt
- Java applications tested with respective postman collection to test ETL, Health, rewards services
- I have worked on DB Migrations on java services using flyway
- Java classes and test cases fixed for flyway initialization error.
- I have worked on Dockerizing java services

Capgemini

Project Name : VIRGIN_CRM&DATA Science Eng
Client : Virgin Voyages
Role : Senior consultant
Duration : July 2017 to Dec 2018.
Technologies : Core Java, Spring Boot, Spring cloud, Microservices, Rest API, GIT, Bit bucket, Maven, Jenkins CI/CD, TDD, BDD, Oracle.
IDE Tools : Eclipse, STS (Spring Tool Suite).

Description:

Build a robust and real-time Integration support which would orchestrate the information flow across all these systems to ensure that there is no latency or discrepancy in realizing a consistent Sailor experience.

We need to enable a strong Analytics platform to effectively convert this Sailor data along with products, pricing and marketing data into insights and actions, which in turn would

bring a customized and unique customer experience to life. This platform will also be leveraged to enable Operational reports for Reservations and CRM.

Customer Relationship Management (CRM) solution will offer a complete picture of the Sailor from first digital or human touch, through the booking and sailing experience and beyond.

Responsibilities:

- Development of micro services using Spring Boot, Spring Cloud, Micro services, Spring Rest, Spring Data JPA.
- Involved in Docker software platform to build, test and deploy applications quickly using containers.
- Involved in development process TDD, BDD, Jenkins CI/CD.
- Added Spring Boot Starter dependencies in Maven Config file.
- Team leader and involved in development activities
- Written Junit, Rest assured and integration test cases
- Defect fixing, Code review and Team management
- Conduct knowledge transfer sessions for new joiners in the project team.

Wipro Technologies

Project Name : Integrated release transformation (IRT)
Client : Cisco
Role : Technical Lead
Duration : Sept 2015 to March 2017.
Technologies : Core Java, Spring, Hibernate, Web services.
Description:

Integrated release transformation, as its name suggests, brings in multiple tools that are used to manage a release today, into a single integrated umbrella

Product Manager: Responsible for requirements making sure they are implemented and communicated to the customer (through CFN for example)

Development Manager: Responsible for implementation of the requirements. Tracked at the granularity of the feature in IRT.

Development Test Manager: Responsible for testing to ensure the quality of the implementation of the feature and making sure that the requirements are met.

Release Manager: Responsible for making sure that release targets are met with respect to their milestones and preparing the software for go live.

Tech Writer: Responsible for providing the required documentations for the features that are delivered to the customer.

Cisco Feature Navigator Engineer: Responsible for the due diligences before publishing the feature information for the software release to Cisco customer.

Responsibilities:

- Gathering information and also do research and able to perform scope analysis.
- Co-ordinate effectively with all the support groups / systems and sub-systems to ensure the data is transferred safely.
- Work well with the customer support groups, educate the customers and make them do the tasks on their own.
- Analysed the issues in server logs and reported to dev team with proper analysis details.

- Have interacted with users through Jabber/WebEx meeting once reported the issues and guided/helped to them with proper details.

Project Name : Performance Management Initiation and Collection (**PMIC**)
Client : Ericsson
Role : Developer
Duration : Mar 2015 to Aug 2015.
Technologies : Core Java, EJB, Web services.
Description:

Performance Management is an aspect of OSS Assurance Solutions. I was involved in developing a greenfield Performance Management Solution. One of the key aspects of performance management is initiating and collecting [PMIC Module] different metrics from the network elements like enodeB, femtocells, picocells, MME etc. A typical LTE network can have up to 60,000 such Network elements. However, an operator can initiate different parts of the network to collect various counters and alarms with different parameters, ranging from 20 to 400 parameters. these events are collected and further processing. An operator can monitor these KPIs in a dashboard, set triggers for KPIs and can also use this information to plan and re-design the network, or take other intelligent decisions.

Responsibilities:

- Played an active role in Requirement Analysis and Estimation.
- Prepared Sequential Diagram, Class Diagram for PMIC Application.
- Done log scheduler time interval in service layer.
- Writing automated test cases using the tools like Junit, cobertura.
- Implementing the code as per coding standards using tools like Check Style, PMD.

Infosys Ltd

Project Name : Bank By Appointments
Client : Bank of America
Role : Developer
Duration : Mar 2012 to March 2015.
Technologies : Core Java, Spring, Web services.
Description:

Bank by appointment enables appointment scheduling between customer with the appropriate sales, service or specialized associate whether in a banking center, call centre or other phone contact.

BBA smart lobby a banking centre platform check-in tool designed to manage monitor and track platform activity.

Responsibilities:

- Involved in preparing low level design document like system overview, system interface, class diagram and class library usage.
- Involved in coding FTL for BBA application.
- Involved in coding back end service connectivity through web services using spring web services.
- Prepared test cases and executed test scripts during CIT and SIT

Project Name : CITI Project One Financial Reporting (CITIP1FR)
Client : Citi Private Bank Group
Role : Developer
Duration : Feb 2011 to Jan2012.
Technologies : Core Java, Jsp, Servlets, EJB, Struts.

Description:

This last assignment was Enhancements& Maintenance of Project One (P1) application. P1 was developed to generate consolidated statements& reports and making the data maintenance easier. It included creation of Web Interface to read the data for all the modules (i.e. Presentation Tier) and DB classes as well as Bean Classes as Business Logic using Java Server Pages.

He was primarily involved with analysis, requirements, coding and testing for his module. His other responsibilities included Onsite Coordination, report generation, preparing Unit Test Plans and Integrated Test Plans and High-Level Designing of the Project. He was also involved in requirements, coordination, various planning activities and deployment of Reports.

Responsibilities:

- Getting the new requirement analysis from the client and done the impact analysis.
- Once in a week discussed with the client about issues and new requirement on call.
- Done the coding, design, data models for the new CR.
- Done the unit testing and self-code review.
- Done backend testing when new requirement and IST issues coming.

Tech Mahindra Ltd

Project Name : Phoenix-FTTC L2C
Client : British telecom, UK
Role : Developer
Duration : Sept 2008 to Aug 2010.
Technologies : Core Java, JMS, XML Beans
Description :

Phoenix is a logical inventory for Openreach assets and will manage fibre logical network and service inventory for FTTC network. Phoenix will host various capability interfaces to support lead to cash, Plan & build and trouble to resolve areas of FTTC.

MSD Application :-

As part of FTTC – GEA - L2C Phoenix will support Manage Service Design capability.

This capability will be invoked asynchronously by FLOW as part of L2C Provide, Cease, Cancel, Amend, Faulty Port Update Service, Transfer and Conversion scenarios for managing service and circuit inventory in Phoenix.

As part of L2C Provide, Phoenix will create and design the service and circuit (CVLAN) inventory and manage it throughout its lifecycle.

Role : Team Member

Responsibilities :

- Understanding the User requirements.
- Component Design and implementation of FTTC GEA, Generic Ethernet Access – FTTP and GEA Cablelink
- Responsible for coding, modifying the complex programs using technology like XML, Java Message API & PL/SQL.
- Implementing the code as per coding standards using tools like Check Style, CPD & PMD

- Writing the automated test cases using the tools like Junit, Mock EJB, Power Mock & Cobertura
- Reviewing the self-developed code and reviewing colleague's code to remove defects in the development state.
- Mapping the customer inventory in CRAMER tool and doing sync engine, task engine and deliver engine.

Tech Mahindra Ltd

Project Name : ASF-MM (Assembly Testing)
Client : TELUS (Canada)
Role : Testing Engineer
Duration : Dec 2007 to July 2008
Technologies : Core Java, EJB
Description :

ASF - Mass Markets projects are responsible for automatic services fulfilment for residential (mass market) customers. Assembly testing checks the message flow from OMS system to Net Cracker and further to Legacy systems.

Role : Team Member

Responsibilities :

- Analysing the Defects and CR's.
- Design of Test Cases / Scenario's.
- Execution of Test Cases.
- Logging of Defects in QC.