Bala Subramanyam Lanka

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Profile

1. Full Stack Java Developer with 10 years of experience, avid programmer who learns technologies on-the-fly and never misses a deadline.
2. IBM Certified Application Developer – WebSphere Operational Decision Management V8.0
3. Expertise in the areas of designing, developing, and supporting web applications using Java, Python, Spring Boot, Spring Security, JavaScript, Angular. REST API Expert with good expertise in Spring Boot and Jersey frameworks.
4. 2 years of experience in designing, developing, and supporting OAuth 2.0 frameworks using Spring Security.
5. I publish my technical posts in my blog – www.balasubramanyamlanka.com
6. Strong skills in Multi-Cloud (AWS, GCP), Business Rule Management System (JRules, IBM ODM), BOM Modeling, data management in the relational database (Oracle, Postgres).
7. Good knowledge and understanding of data structures, algorithms, and object-oriented concepts.
8. Team player with excellent analytical and communication skills, high quality of work, and ability to work independently without any supervision.

Skills

Languages • Java, Python, C#, C++, C, PHP

Frontend • Javascript, HTML, CSS, Angular, Bootstrap, jQuery

Frameworks • IBM ODM, Ilog Jrules, Spring Boot, Spring Security, Django, Apache iBATIS, Eclipse Jersey

Database • Postgres, Oracle

Build Tools • Maven, Ant, Gradle

Version Control • Git, SVN

Miscellaneous • Postman, SOAP UI, MS-Office, IntelliJ, Eclipse, Operating System (Linux/MacOS/Windows)

Professional Experience

FROM OCTOBER 2022

Manager – Projects (Senior Software Engineer – Band 3) / Cognizant Technology Solutions, Toronto, Canada
Client: Discover Financial (Fraud Division – Enterprise Decision Platform)

Description: Discover Financial Services is an American financial services company that owns and operates Discover Bank, an online bank that offers checking and savings accounts, personal loans, home equity loans, student loans and credit cards. Enterprise Decision Platform – Fraud Division reduces the bank fraud using the java microservices, real-time entity profiles, and the business rules (FICO Blaze Rules).

Role and Responsibilities

1. Tech-lead for the offshore team. Working as an individual contributor, lead and guide the development team in building applications using technologies like Java, microservices, Postgres, Spring Boot, JWT, and Kafka.
2. Planning and executing the migration of Pivotal Cloud Foundry (PCF) microservice applications to the OpenShift Container Platform (OCP), ensuring a smooth transition with minimal disruption.
3. Participating in architectural discussions and providing technical insights to align with the overall organizational goals and strategies.
4. Resolving production issues and providing timely support to maintain the stability and reliability of applications in the production environment.
5. Assisting in resource planning and project estimation to ensure efficient utilization of team members' skills and time.

AUGUST 2021 – OCTOBER 2022

Senior Consultant / CGI, Toronto, Canada

Client: RBC (Credit System Services – Vendor Platforms)

Description: Credit System Services is an ODM driven team at Vendor Platforms, RBC. There are series of rule projects operated for different applications of logic. All the credit related business strategies are automated using the IDM ODM.

Role and Responsibilities

1. Migrating all the ODM projects from 8.6 to 8.9
2. Working with Business rules project, provide any JAVA development support and implement business releases of new rules as packaged by Strategy team.
3. Design, code and document implementation of new Rules. Support necessary Java service changes and ensure that data models are propagated properly.
4. Work on the POCs on 8.9 and 8.10 ODM projects.
5. Provide time barred warranty support for new rules deployed to Production environment, where needed.
6. Work in coordination with distributed teams to ensure seamless release of deliverables.

MARCH 2018 – DECEMBER 2019

Senior Software Engineer / Netradyne, Bangalore, India

Product: Driveri (www.netradyne.com)

Description: It provides innovative technologies in AI, ML and Edge Computing to help reduce accidents by creating a new safe driving standard for commercial vehicles. Their solutions reduce driving incidents, protect against false claims, and empower drivers by providing them with more awareness of risky driving behavior and reward safe driver decision-making.

Role and Responsibilities

1. Developed, test and maintain secure REST APIs using Java, Jersey, Spring Boot, AWS, Postgres.
2. Added new features to the web application using the Angular, HTML, CSS. Made the UX simpler by constantly involving in the UX and Product discussions.
3. Developed the project to centralize the authentication and authorization of the application by using the OAuth 2.0 frameworks like Spring Security.
4. Architected, designed, and developed the "Throttling Algorithm" which plays a key role in the product to minimize the internet bandwidth consumed, which is used to communicate with the servers and the product.
5. Architected, designed, and developed Ops-Dashboard, an internal tool for the operations team to support the product. Constantly got inputs from the ops team to build this product, functioned as full stack developer.
6. Analyzed, Debugged and Fixed the production bugs.
7. Joined the team as the Software Engineer and promoted as Senior Software Engineer.

SEPTEMBER 2017 – MARCH 2018

Software Development Engineer / Grisaille AdTech - A Zeta Global Company, Chennai, India

Product: Zeta Actions (a lead-generation platform)

Description: The Zeta Actions platform manages campaigns through Zeta owned and operated portals and distribution channels as well as through a curated network of third-party publisher, which helps clients acquire new customers. This product has algorithms in place to generate a lead based on the several factors.

Role and Responsibilities

1. Developed secure REST APIs using Java, NodeJS, Spring Boot, AWS, MySQL.
2. Architected, designed, and developed automation projects for building efficiency in customer support teams which reduced the time to close the tickets by 14%
3. Work in coordination with distributed teams to ensure seamless release of deliverables.
4. Analyzed, Debugged and Fixed the production bugs.
5. Involved in tuning the existing code with better coding approach.
6. Followed the test-driven development, achieving 85% code coverage.

APRIL 2014 – SEPTEMBER 2017

Programmer Analyst / Cognizant Technology Solutions, Chennai, India

Client: Travelers - Small Commercial Business Platform (Insurance)

Description: SCBP was initiated by Travelers to ensure faster processing of policy transactions by Agents. This application automates the entire policy issue process which enables the Agents to issue policies without delay. SCBP comprises of 43 modules that are involved with different policy stages starting from creation till issue. Three major modules in SCBP are Local Print, Agency Download Service and Downstream Service. The individual applications in SCBP communicate with each other through a Service Oriented Architecture developed with the help of JAX-WS, JAX-RPC Web services, EJB, MDB and Sun JCAPS EAI tool. The SCBP Rule applications are to trigger the business rules related to referral, decline, forms, edit rules which is done with help of WODM 7.5 & ODM 8.5

Role and Responsibilities

1. Worked as Java (Web Services)/ODM (Rule Engine, Middleware) developer.
2. Designed and developed the code as per the requirements for 43 SOAP Web Services and writing the business rules using J2EE, XSL transformations.
3. Business Rules Analysis, Modelling, Authoring, Development using IBM Operational Decision Manager.
4. Involved in direct point of contact with the client for gathering requirements, identifying, and analyzing the defect with providing the status.
5. Led a team size of 8 and functioned as the team lead. Involved in preparing defect analysis document, production handover document and component integration testing.
6. Guided newcomers as a mentor in the team providing the knowledge transfer on the project content and process involved in the team.
7. Joined as the Programmer Analyst Trainee and got promoted as Programmer Analyst.

AUGUST 2013 – APRIL 2014

Junior Software Engineer / Adaptavant, Chennai, India

Product: Conversion Support (www.conversionsupport.com)

Description: It is a real time interaction software that can be integrated easily into any website. This allows you to direct your customers' questions to the concern people using Dynamic Routing. Conversion Support is totally web based, which allows you to manage your account and access conversation transcripts online anytime, from anywhere in the world.

Role and Responsibilities

1. Developed secure REST APIs and web application using Java, JBOSS RESTEasy framework, Spring MVC, Google Cloud Platform, Javascript, jQuery, Bootstrap, HTML, CSS.
2. Maintained the Cron Jobs and Task queues in the App Engine, Worked on billing module, pdf generation module.
3. Migrated the whole REST APIs into the Google App Engine using the Spring MVC.
4. Created a JavaScript library to enable chat and analytics across websites.
5. Created a module to analyze the visitor data and provide statistics.
6. Speaker in a knowledge sharing platform, within the company called SYK (Spread Your Knowledge)

DECEMBER 2012 – MARCH 2013

Intern Engineer / Adaptavant, Chennai, India

Product: AdaptiveU (www.adaptiveu.io)

Description: AdaptiveU is an e-learning platform which helps you to create your own set of courses which can be accessed by your own set of precise students, employees, customers. It also helps you to evaluate and track their performance.

Role and Responsibilities

1. Gained knowledge in Java, Spring, HTML, CSS, Javascript, Google Cloud Platform, jQuery.
2. Development using Spring Framework (MVC, Dependency Injection, Caching, Database Connectivity, Restful service , Asynchronous calls) which communicates with various service layers and configuring the Spring files.
3. Implemented the commenting module for the video playback, REST calls for new functionalities.
4. One of the major responsibilities in this role is to learn as much as possible, aced every test and fulfilled all duties.
5. At the end of the internship, only 3 interns were offered full time positions as Junior Software Engineer out of total 50 interns and I was one of those 3 interns.

Education

JUNE 2021

Attestation of College Studies in Information Technology Programmer Analyst

College LaSalle, Montreal, Canada – R Score 31.425

APRIL 2013

Bachelor of Computer Science Engineering

Jawaharlal Nehru Technological University, Kakinada, India – Percentage 72% (First Class with Distinction)