VIKAS Krishnamurthy

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Technically inclined professional of 11+ years expertise in Web Application Development using Java, Spring Boot, Angular and JavaScript frameworks.

- Extensive experience in developing various web-based applications using Java, Spring Boot, Spring Cloud, Spring Batch, RESTful Web Services.
- Hands on experience in UI Technologies like Angular 15+, Angular Material, JavaScript, HTML, CSS.
- Proficient with using Spring Cloud components like Config Server, CredHub, Discovery Client, Eureka Registry.
- Hands-on experience in Data Analysis and writing complex queries.
- Hands-on experience in deploying apps into cloud using Cloud Foundry (TAS) and creating DevOps Pipeline for code build, linting, reporting using static code analysis (Sonar, Coverity) & deployment.
- Work experience in Agile work environment & working as a part of scrum team.

Skills

- Java 21, Spring Boot, Spring Batch, Spring Security, Micro Services
- Maven, Gradle
- Angular 15+, JavaScript, HTML, CSS, amCharts
- SQL Server, Teradata
- CI/CD, Cloud Foundry, Config Server

CURRENT ROLES & RESPONSIBLITIES

- Functioning as a Lead overseeing the project, code review, draft technical roadmap and mentor juniors.
- PBR, PI Planning and Sprint planning to plan work ahead keeping road map in mind and upcoming sprint work.
- Communicate with stakeholders for requirement.
- Data Exploration and involved in Brainstorming, Design discussions.
- Own a functionality, design and develop end to end.

Work Experience

Boeing India Private Limited Senior Software Engineer	Apr/2019 – Present
Meredith India (Formerly Time Inc. India) Software Development Engineer	May/2017 – Jan/2019
Cognizant Technology Solutions Associate – Projects	Jan/2017 – Apr/2017
Hewlett Packard Enterprise Application Developer	Aug/2013 – Nov/2016

Project Experience

Boeing India Private Limited

Project 2 (Dec/2020 – Present)

Reporting tool for tracking performance and part level details for existing contracts. Evaluate offerability of parts, identify potential issues and associate team to work on it. More the parts, more the revenue.

Stack: Java 21, Spring Boot, Spring Batch, Gradle, Angular, SQL Server, Teradata, CI/CD, Cloud Foundry

- Worked on multiple functionalities ranging from Requirement Analysis, Data Analysis, Queries, Design and Develop ETL, API's & UI.
- Developed multiple Spring Batch based ETL.
- Automated a complex job to process ~1 million rows in around ~40 mins which used to take 2 days of manual effort.
- Integrated amCharts 5 to display Financial Data using various charts.
- Excel & PPT based reports using Apache POI.
- Critical deliveries include Contracts Dashboard & Sales Performance, insights on expanding Parts Offerability.
- Setup multiple module Gradle based applications from scratch with CI/CD pipeline to deploy to TAS.
- Externalize configurations using configuration server. Integrated with Dell ECS Bucket for storage.
- Integrated with static analysis tools such as SonarQube & Coverity.
- Integrated code linting to analyze code for bugs, stylistic errors & enforce uniform formatting.
- Configure Vanity URL with Load Balancing.
- Exposing API via Web Service Gateway to external applications.
- As part of POC, integrated Matomo Web Analytics to track application usage metrics.

Project 1 (Apr/2019 – Nov/2020)

Web based, pricing tool to price customer requested parts. A complex pricing strategy developed to offer Tailored Part Packages considering customer, tier & various other factors.

Stack: Java 11, Spring Boot, Spring Security, Gradle, Angular, SQL Server, Teradata, CI/CD, Cloud Foundry

- Involved in breaking down complex 4000 lines of SQL code into multiple modules of pricing algorithm in Java.
- Designed & Developed new pricing algorithms by interacting with stakeholders.
- Critical deliveries include introduction of new pricing run package, self-serving admin tools, rewrote complex calculations in simpler generic way.
- Implemented Strategy Pattern to pick pricing flow at runtime resulting in decoupled logic & improved readability.
- Implemented Part Replacement Logic using combination of Spring Batch & queries capable of handling lakhs of parts in few minutes.
- Implemented Usage Metrics to track pricing runs by users, type etc.
- POC using STOMP WebSocket to notify users on certain events.

Project Experience

Meredith India (Formerly Time Inc. India)

The Well (May/2017 – Jan/2019)

The application provides all the information and analytical insights of the Time Inc brands and offers self-service interactive reports to sales by providing various kinds of reports in graphical representation or with export functionality in the form of Excel and PDF.

Stack: Java, Spring MVC, JSP, HTML5, Bootstrap CSS, JavaScript, JQuery.

- Worked as an individual contributor working from India Development Center.
- Designed multiple screens using HTML5 & Bootstrap CSS with JSP and Spring Restful API's.
- Recoded the entire queries from old to new schema.
- Generate PDF and Excel exports for various reports and Use AWS API to upload files to AWS bucket.

Hewlett Packard Enterprise

Project 2 (Dec/2015 – Nov/2016)

Web Portal provides a set of APIs to MVNOs allowing them access to provision and provide customer care to their customers. In addition, it also provides administrative interface for MVNO User Access Controls.

Stack: Java, Spring MVC, HTML5, Bootstrap CSS, AngularJS, NodeJS, Bower, Gulp

- Worked as a full stack developer using AngularJS, HTML5 & Bootstrap CSS and writing Spring Restful API's for service layer to access data specific to front end requests.

Project 1 (Apr/2019 – Nov/2020)

Business to Business Portal to a world leader in Telecommunications which eases the interaction with the Business partners and to provide easy access to the Partners. This project was considered one of the most critical projects for the clients as they rely on this portal to manage the Business to Business Communications and transactions.

Stack: Oracle Web Center Sites, Java, JavaScript

- Involved in the analysis, design & creation of Templates, CS Elements and Site Entries required for the site.
- Involved in the implementation of Multilingual Sites using Dimensions & Dimension Sets.
- Involved in developing Java code to integrate with various modules.
- Implemented Insite search functionality by integrating with Lucene.

Education

B.E in Computer Science with an Aggregate of **81.14%** from
Jawaharlal Nehru National College of Engineering (JNNCE), Shivamogga.

2009 – 2013