

# Anil Jami

With over 10 years of experience in software engineering, I design, develop, and deploy scalable and secure cloud-based solutions using Spring Boot, AWS, Python, and NoSQL technologies. I also mentor and coach junior engineers, and collaborate with cross-functional teams to deliver high-quality products that meet the needs of our customers. In my previous roles at Cisco and Infosys, I gained valuable experience in developing and testing software applications for various domains, such as Fintech, networking, & telecom. I am passionate about learning new technologies, solving complex problems.

## Contact

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## Recognitions

- Indian Mathematics Association certified
- XXIX Math Olympiad certificate
- Multiple Ramanujan Math certificates
- “Outstanding Performance award” - for excellent performance at Infosys

## Education

### MS - Computer Science\*

Georgia Institute of Technology

### B.Tech - ECE

JNTU

## Skills

- Java
- Spring / Hibernate
- Javascript / Angular
- Python / PySpark
- SQL
- NoSql

## Tech stack

Java, J2EE, Spring, Spring Boot, Spring MVC, Hibernate, Python, PySpark, Shell scripting, Kafka, webservices, Struts, Apache CXF, Solr, AngularJs, ExpressJS, NodeJS, React, CSS, HTML, D3 charts, GIT, CVS, Maven, Gradle, MongoDB, Oracle, MySQL, Teradata

## Experience

### Oportun

August 2018 - current

#### Staff Software Engineer

At Oportun, I worked with Customer management service team. CMS team is responsible for all the member/customer profile management using api's and batch jobs in the organization.

- Migrated CMS as it's own microservice
- Implemented rest API's for CMS using Springboot
- Developed and deployed webservices and batch jobs using AWS cloud.
- Code reviews, and provided constant support and insight to team members
- Deployed application to prod on a bi-weekly basis using CI/CD pipeline

### Cisco | San Jose, CA

September 2014 - August 2018

#### Tech Lead

At Cisco I worked on My Business Reports (MBR) application. MBR is mission critical Enterprise Bookings Dashboard to gain bookings visibility and drive attainment against forecast across worldwide Sales. MBR is intended for Sales teams at all levels, Finance teams, Operations functions (CPS) and others with a business need to see bookings information. Users can search through all the bookings using this system.

- Design, development and testing of mapper components to translate web service requests and responses to and from client applications to system of records.
- Debugging and resolving defects. Code and design reviews.
- Implementing and reviewal of BAVA and DAVA issues and come up with solutions for issues found in BAVA and DAVA reports.

### Infosys | Bangalore, India

January 2011 - September 2014

#### Software Engineer

At insofys, I worked on CDAS (Customer Data Analytics and Services). CDAS is a fast paced team whose primary goal is to continually improve the customer and partner purchasing experience through end to end policy, process, and systemchanges as well as product ordering support and configuration.

- Responsible for developing the Service layer, DAO layer and presentation layer.
- Integrated with Oracle OBIE tool.
- Developed Shell scripts for scheduler jobs.
- Unit testing with JUnit.

### **QUALIFICATION SUMMARY:**

- Over 10 years of experience as a Full Stack Java Developer in Financial Services and Networking domain.
- Experience in technologies **Java, Spring, Springboot, Python, Javascript**
- Sound Understanding and good Experience with **Object Oriented Programming** Concepts
- Extensive experience in designing professional **UI web applications** using **front-end technologies** like **HTML5, DHTML, CSS3, JavaScript, XML, XHTML, jQuery, AJAX, JSON**.
- Expertise in working with the **Java, J2EE, webservices, Struts, Spring, Spring boot, Hibernate, Apache solr, Apache Lucene, Kafka, Python, perl, Unix/Linux shell scripting** and various other frameworks.
- Experience in developing **Full Stack (MEAN) web applications** using **MongoDB, ExpressJS, AngularJs and NodeJs**.
- Experience in building **SPAs (Single-Page application)** using **AngularJS, Node.js, Bower, Gulp, STYL** with a server-side **RESTful API in Java**.
- Experience in developing and deploying J2EE components on application servers such as **WebLogic Server, Apache Tomcat, and JBoss**.
- Experience working with **Spring** framework (**Spring, Web Services, Spring Batch, Spring Core**).
- Experience working with Oracle, Mysql, Teradata, Mongodb and couchbase.
- Understanding of commonly used Business Services design patterns (Business Delegate, Session Façade, Abstract Factory, Strategy).
- Strong background in **Restful Web Services** and **SOAP** web services. Experience using Web Services testing tools like **SOAPUI**.
- Experience in **Agile and SCRUM** methodologies such as **Extreme Programming, Waterfall Model** and **Test-Driven Development**
- Proficient with **Eclipse, NetBeans, WebStorm, Xcode** and other frameworks and Integrated Development Environments (**IDEs**).
- Experience in writing complex database queries, stored procedures, and triggers using **SQL, SQL\*Plus, PL/SQL**. Strong Skills in Database Design, Process and Data Models.
- Experience with Version Control tools like **GitHub, CVS and SVN** for Source Code version management and merging Source code after intermittent Project releases.
- Effective problem-solving skills, Ability to work independently as well as within a team environment. Driven to meet deadlines. Motivated to produce robust, high-performance software.

### **PROJECTS:**

**Client:** Oportun

**Project:** CMS- Customer Management System

**Dec-2020 to present**

**Description:** Customer Management System (CMS) team is responsible for developing and maintaining customer profile data. Other business units like stores, operations and collections use our endpoints to get customer info.

**Role:** Staff software Engineer

### **Responsibilities:**

- Implemented Cloud hosted REST APIs for other applications to consume using Spring Boot with embedded Tomcat using Spring Boot.
- Designed and documented REST APIs, including JSON data formats and API versioning strategy using SwaggerUI.
- Working on multi-threading part for scheduling of tasks for parallel processing.
- Writing unit test cases using Junit in Java.
- Used Log4j for logging and examining log for error handling and trouble shooting.
- Used Git for managing and committing code, rebasing, merging branches.
- Developed internal tools for enhancing functionality ( Egeon for alerts )
- Fetching and storing data on Amazon S3 bucket.
- Code review techniques include KISS, DRY and YAGNI principles.
- Participated in Agile Scrum methodology and involved in Design, development, Implementation, and testing of the enterprise applications.
- Created Jenkins pipeline to automate job scheduling and deploying applications.

- Created and injected Spring services, Spring controllers, and DAOs to achieve dependency injection and to wire objects of business classes.
- Used JIRA tool for Issue/bug tracking, monitoring of work assignment in the system.
- Used Agile methodology and participated in SCRUM meetings.
- Wrote build scripts using Gradle.

**Client: Oportun**

**Project: MBR- My Business Reports**

**Aug-2018 to Dec-2020**

**Description:** My Business Reports (MBR) is mission critical Enterprise Bookings Dashboard to gain bookings visibility and drive attainment against forecast across worldwide Sales. MBR is intended for Sales teams at all levels, Finance teams, Operations functions (CPS) and others with a business need to see bookings information. Users can search through all the bookings using this system.

**Role: Staff software Engineer**

**Responsibilities:**

- Working on Unix using putty for debugging the code and managing the deployment of code.
- Identified and resolved code inefficiencies on client project.
- Working with Jira board for managing the workflow in the project. Every task assigned is part of Jira board and can check-in the code in repository only using valid Jira ticket, which facilitates better code review.
- Involved in high level and low-level design of the application and update design document with use case diagrams and sequence diagrams.
- Developed application using Kafka as message broker for micro-services
- Developed the batch jobs using Python and Pyspark.
- Created Jenkins pipeline for B2B, B2C and B2B API PCF deployment.
- Worked on various authentication and authorization technologies and protocols including SAML, OAuth.
- Used Spring MVC to handle/intercept the user requests and used various controllers to delegate the request flow to the back-end tier of the application.
- Extensively worked on Spring bean wiring, Spring DAO a spring AOP modules and implemented Spring AOP in exception handling, which it reduces the development time to handle the exceptions.
- Setup the continuous Integration (CI) and continuous Deployment (CD) process for the application using the Jenkins.
- Wrote build scripts using Gradle.
- Involved in discussions with Business Analysts and designed the TDD (Technical Design Documents).

**Environment:** Apache Solr/ Lucene, Kafka, AngularJs, REST webservices, Spring, Java Script, CSS, HTML, JBoss Server, Unix, Eclipse, GIT, JUNIT, Scrum, Maven, Agile Methodology, Oracle.

**Client: Cisco**

**Project: BAAO (Business Analytics & Award Optimization)**

**Jan-2015 to Jul-2018**

**Description:** The next generation Business Analytics & Award Optimization (BAAO) is a direct materials quoting and cost management platform. This new platform will transform the negotiation process by enabling collaborative and real-time negotiations. The platform will leverage predictive analytics to drive data intelligence and increase the velocity of business decisions.

**Role: Module Lead**

**Responsibilities:**

- Design, development and testing of mapper components to translate web service requests and responses to and from client applications to system of records.
- **Worked as a Full Stack Java Developer to develop web application and webservices using Spring, Spring Boot, Spring MVC, Spring Security, Struts, SOAP, REST, Angular, Angular JS, JavaScript, jQuery, AJAX, XML, JSON, JSP, Servlet, HTML5, CSS3.**
- Developed application using Kafka as message broker for micro-services and

- Working on JPA for interacting with database. Writing named query, which can be called multiple times.
- Used CVS for managing code base.
- Working with SQL, PL/SQL, stored procedures, Indexing, Normalization and Query optimization.
- Worked on Docker and Kubernetes for deploying and development of the cloud version of the application i.e., Zimbra Cloud
- Worked on Queues, Caches and Indexes to increase the performance of the product.
- Writing unit test cases using Junit in Java.
- Implemented SPA (Single Page Applications) using Angular
- Involved in Web application development using Angular, Material, Bootstrap, TypeScript, HTML5, SASS and CSS3.
- Integrated ActiveMQ and spring JMS API to send and receive message for the application's restful API.
- Used Hibernate, Object/relational mapping (ORM) solution, the technique of mapping data representation from MVC model to Oracle relational data model with a SQL-based schema.
- Deployed applications into Continuous Integration environments like Jenkins to integrate and deploy code on CI environments for development testing.
- Wrote build scripts using Maven.
- Worked on relational database design and writing SQL queries, stored procedures, views, and functions with Oracle.
- Developed, debugged, integrated and deployed applications using Eclipse (IDE), STS and used GIT as a Version Control.
- Created Angular JS Controllers and Services.
- Called REST web services through AngularJS services to get JSON Object and modified the response object to display in UI.
- Experience with creating Custom Directives, Decorators, and Services to interface with both restful services.
- Implemented Angular Router to enable navigation from one view to the next as customer performs application tasks.
- Handled many of the errors for web page by using the error handling features over Angular
- Installed NodeJS and utilized the npm with Grunt for the build.

**Environment:** Java, AngularJS, Spring, HTML, Spring, Kafka, Web Services, D3 charts, Maven, .

#### **Client: Infosys**

**Description:** PowerMe is an automated and insights-driven platform that leverages enterprise metadata, usage behavior and organization hierarchy to understand data consumption, discover information proliferation, data lineage and ways to accelerate initiatives. Using PowerMe you can search across the landscape for information assets, collaborate with power users and identify opportunities for rationalization and optimization.

#### **Role: Developer**

##### **Responsibilities:**

- Responsible for developing the presentation layer.
- Developed data insertion forms and validated them using JavaScript.
- Created and maintained the framework and layout of each portal with Cascading Style Sheets (CSS).
- Used JavaScript and XML to update a portion of a web page thus reducing bandwidth usage and load time and add modal dialog in web pages to get user input and requests.
- Coded JavaScript for page functionality and Pop up Screens and used DHTML to make dropdown menus on web pages and display part of a web page upon user request.
- Utilized new software methodologies to be able to adapt to changes in requirements quickly.
- Modified code in a web database in Report definition and user profile forms, Users request access to different reports on web, developed views to display data.
- Validated input values to make sure that they will be accepted before they are submitted to the server.
- Integrated with Elastic search api's.

**Environment:** AngularJS, ExpressJS, NodeJS, MongoDB, Elastic Search