# Sanket Singh

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**Professional Summary:**

* A Lead Software Engineer around 11.2 Years of IT experience in designing, developing and deploying Web Application using Core Java, Spring, Spring boot, Microservices, Hibernate , Data Structures, Algorithms , maven, Gradle, Docker and Git, BitBucket, Jenkins

,oracle11g,SLL,oauth2.0 implementation and Integrations of Project.

* I have experience in full project life cycle using SDLC methodologies and Agile software development.
* Proficiency in implementing Spring, Spring boot, Microservices applications and in using design patterns like Factory Method, Abstract Factory, Singleton, MVC ,builder and DAO patterns in software design.
* Expertise in Core java, Spring and Spring Boot, Web Services backend development and design.
* Good Knowledge in Object Oriented Programming Language Concepts.
* Experience in Servers like Tomcat.
* Good knowledge of RDBMS like(Sql, Oracle).
* Excellent communication skills, good team player, good at analysis problem solving Debugging skills and Technical Expertise.
* Designing of Functional Document, Class Diagram, and Sequence Diagrams.
* Dedicated, Innovative and self-motivated team player with an ability to easily assimilate new ideas, concept and method.
* Ability to learn new technologies, quick learner and quickly adapting to new environment.

**Technical Skills:**

**Languages:** Java (8,11,17), J2EE,

**Architecture:** Microservices

**Agile Tools:** JIRA (Any one of them)

**CI/CD:** Jenkins, PMD, JaCoCo/Emma, SonarQube

**Build Framework:** Maven or Gradle, OCP, Docker **Source Control (SCM):** Git, Gitlab, Bitbucket, SVN, VSS etc. **Webservices:** SOAP, REST, JMS

**Databases:** Oracle, MySQL and knowledge on any NO SQL.

**Operating System**: Linux, Windows

**Unit Testing Frameworks:** JUnit/TestNG, Easy Mock/Mockito .

**IDE:** Eclipse , IntelliJ,Spring Tool Suite

**Servers:** Tomcat(9.0+,10.11),Jetty.

**Frameworks:** Spring, Spring Boot(2.7.1,3.0+), Hibernate, JPA, Spring Cloud, Collections, Multithreading Data Structures, Algorithms, HTML, CSS, JavaScript

**Academic Qualification:**

* MCA (Computers) 2011, Uttar Pradesh Technical University (UPTU).
* B.Sc. (Maths) 2007, V B S Purvanchal University

**Profession Experience:**

* Working as Lead Software Engineer at Synechron Technology India Pvt. Ltd. **Bangalore since Feb-2022 to Till Date.**
* Working as Lead Software Engineer at Cignex India Pvt. Ltd. **Bangalore since January-2021 to Feb-2022**
* Working as Senior Software Engineer at Mobileum India Pvt. Ltd. **Bangalore since Sep 2015 to December-2020.**
* Worked as **Software Engineer** at **Lumbini Software** Private Limited **Bangalore** from **Aug 2013 to Aug 2015.**

# EMPLOYMENT HISTORY

**Project Name : PII (Personalised Investment Ideas) Company : Synechron Technologies Pvt. Ltd., Bangalore Client : Standard Chartered Bank.**

# Domain : Banking

**Duration : Nov-2022 to Till date**

# Team Size 20

**Description:** PII Solution is live for priority Banking Relationship Managers (RM) in HK,SG and TW. The proposed solution approach on PII direct to client. A client side UI to be SSO from SC mobile

.Enhance the security of PII API services to be able to expose to public .The objective is to carry on with the design ,development and delivery of tools and services to educate and encourage the customers to consider a broader asset allocation and product mix in their portfolio. For Customers

,this opportunities for better returns, for the bank it will drive more customers towards and deeper more profitable.

# Responsibilities:

* Developing backend code and Service Implementation, Peer code review activities, Code analysis, Defect Fix, Change Request, following Agile Methodology etc.
* Core java development for different components. Developed the application using Core Java, Spring, SpringBoot, Microservices ,Web Service(Rest,Soap), Docker ,Gradle, Bitbucket Scrum with onshore regarding status update meeting daily.
* Based on Technical Specs, develop (or) modify the services and do the corresponding service configurations.
* Involved in implementation of number of business services.
* Involved in Technical Specification and Business Specification walkthrough.
* Build and deploy the project in local tomcat server.

**Environment:** Core Java(8,11,17), Data Structure ,Spring(5.0+), Spring-MVC , ,SpringBoot(2.7,3.0+), Microservices, Web Service (Rest,Soap), Docker, JUnit Testing , Agile, Gradle(4.4+), Bitbucket, Jenkins, Maven(3.3+), GIT ,GitLab, Postman API, Mockito- Junit, Integration Test Case, Tomcat(10.11,9.0),AWS, Spring Web Flux. Code Review, Design Pattern. OCP(AWS),

Kibana, Data Structures, Algorithms.

# Project Name : CM1 and ECN

**Company : Synechron Technologies Pvt. Ltd., Bangalore Client : Morgan Stanley**

# Domain : Banking

**Duration : March 2022 to Oct-2022**

# Team Size 5

**Description:** Cm1 is an application related to banking trading system for a particular bonds .These bonds are related to municipal corporation, metal bond and others. The application is intended for end user to trade or purchase the bonds and if price is good they will sell these bonds. The copy books message will come from main frame computers and Obridge and after processing it will come many gateway. This is state diagram for cm1 application. This application is made in spring and core java.

# Responsibilities:

* Developing backend code and Service Implementation, Peer code review activities, Code analysis, Defect Fix, Change Request, following Agile Methodology etc.
* Core java development for different components. Developed the application using Core Java, Restful API, JSON, Collections
* Scrum with onshore regarding status update meeting daily.
* Based on Technical Specs, develop (or) modify the services and do the corresponding service configurations.
* Involved in implementation of number of business services.
* Involved in Technical Specification and Business Specification walkthrough.
* Build and deploy the project in local tomcat server.

**Environment:** Core Java(8,11,17), Spring, Data Structure ,SpringBoot(2.7,3.0+), Microservices, Web Service (Rest, Soap), Docker, Gradle, Bitbucket, JUnit, Jenkins, AWS, Spring Web Flux, Code Review, Design Pattern. OCP(AWS), Data Structures, Algorithms.

# Project Name : Resource Tracker

**Company : Synechron Technologies Pvt. Ltd., Bangalore Client : Synechron Technologies Pvt. Ltd**

# Domain : Tracker Utility

**Duration : Feb-2022**

# Team Size 5

**Description:** Resource Tracker is an application to maintain resource details of a particular account. The application is intended for normal and admin users. Normal users can create/ delete custom dashboard and search resources details. Admin users have additional features to Add/ delete Resource details and provide access to normal users.

# Responsibilities:

* Developing backend code and Service Implementation, Peer code review activities, Code analysis, Defect Fix, Change Request, following Agile Methodology etc.
* Core java development for different components. Developed the application using Core Java, Multithreading, Restful API,SOAP,JSON, Collections
* Scrum with onshore regarding status update meeting daily.
* Based on Technical Specs, develop (or) modify the services and do the corresponding service configurations.
* Involved in implementation of number of business services.
* Involved in Technical Specification and Business Specification walkthrough.
* Build and deploy the project in local tomcat server.

**Environment :** Core Java(8,11,17), Spring, Spring-MVC ,SpringBoot(2.7,3.0+), Microservices, Web Service (Rest,Soap), Docker, JUnit Testing , Agile, Gradle(4.4+), Bitbucket, Jenkins, Maven(3.3+), GIT

,GitLab, Postman API, Mockito- Junit, Jenkins, Tomcat Server(10.1,9.0), AWS, Spring Web Flux, Code Review, Design Pattern. OCP(AWS), Data Structures, Algorithms.

# Project Name : Alight Mobile App

**Company : Cignex India Private Limited Bangalore**

# Client : Alight India.

**Domain : Insurance , Health**

# Duration : Jan-2021 to Feb-2022

**Team Size 20**

**Environment**: Core Java(8), Spring, SpringBoot, Microservices, Web Service(Rest,Soap), Docker, Gradle, Bitbucket, Mockito -Junit, Jenkins**.**

**Description:** Alight Mobile app is ecosystem based app which provide the facilities to the end user opportunity to fetch the insurance details like defined benefits, health details, wealth details and defined contribution details.Health ,Wealth(DB,DC) has home screen data cards ,small link cards. The alight solution mobile app provides passive monetization revenues using application.

# Responsibilities:

* Developing backend code and Service Implementation, Peer code review activities, Code analysis, Defect Fix, Change Request, following Agile Methodology etc.
* Core java development for different components. Developed the application using Core Java, Spring, SpringBoot, Microservices, Web Service(Rest,Soap),Docker,Gradle,Bitbucket Scrum with onshore regarding status update meeting daily.
* Based on Technical Specs, develop (or) modify the services and do the corresponding service configurations.
* Involved in implementation of number of business services.
* Involved in Technical Specification and Business Specification walkthrough.
* Build and deploy the project in local tomcat server using ant script.

# Project Name : ROVNG

**Company : Mobileum Inc.**

# Client : AT&T United States, A1 Austria, Idea India. Zain Kuwait

**Domain : Travel domain**

# Duration : Aug 2017 to Dec-2020

**Team Size 20**

# Environment : Core Java(8,7), Restful API, Web Socket, Jetty(9.2), JSON, SQL, Collections, Spring, Hibernate, Data Structures, Algorithms.

**Description:** ROVNG Travel Ecosystem provides operators the opportunity to generate heretofore untapped revenues from roaming subscribers. The ROVNG.net solution provides passive monetization revenues as the roaming traveller data is processed and aggregated and then merged with other travel datasets to provide insights of real value to travel companies and tourism boards. These types of data are useful in defining market shares or generating travel forecasts. The ROVNG smartphone application actively monetises the roaming subscriber by providing them with access

to a world-class travel ecosystem back-end. This allows subscribers to book flights, hotels and taxis, restaurants and tourist activities all from a single place. In addition, operators can also present roaming bundles to subscribers at the right time which can be fulfilled via the application.

ROVNG is product for Organization. It is used for getting the Forecasting of real data and analysis for Mobile Apps and International travelling including roaming.

# Responsibilities:

* Developing backend code and Service Implementation, Peer code review activities, Code analysis, Defect Fix, Change Request, following Agile Methodology etc.
* Core java development for different components. Developed the application using Core Java, Restful API, Web Socket, Jetty(9.2), JSON, Collections
* Scrum with onshore regarding status update meeting daily.
* Based on Technical Specs, develop (or) modify the services and do the corresponding service configurations.
* Involved in implementation of number of business services.
* Involved in Technical Specification and Business Specification walkthrough.
* Build and deploy the project in local tomcat server using ant script.

**Project Details:**

**Project Name : CRM Integration(COSEngine Adapter Integration) Company : Mobileum Inc.**

# Client : Etisalatuae,MarocTelecom,DU UAE,Optus Telecom

**Domain : Telecom domain**

# Duration : Aug 2015 to Aug-2017

**Team Size 10**

**Description: Etisalatuae, MarocTelecom, DU UAE,Optus Telecom** provides CRM integration for roaming subscribers. These adapters are the home server integration with external CRM. These adapters provide passive monetization revenues as the roaming traveller. This allows clients to take the subscribe valid data.

# Responsibilities:

* Developing backend code and Service Implementation, Peer code review activities, Code analysis, Defect Fix, Change Request, following Agile Methodology etc.
* Core java development for different components. Developed the application using Core Java, Multithreading, Restful API,SOAP,JSON, Collections
* Scrum with onshore regarding status update meeting daily.
* Based on Technical Specs, develop (or) modify the services and do the corresponding service configurations.
* Worked high end on collections and multithreading.
* Involved in implementation of number of business services.
* Involved in Technical Specification and Business Specification walkthrough.
* Build and deploy the project in local tomcat server using ant script.

**Environment:** Core Java, Restful API, Jetty(9.2), JSON, SQL, Collections, JSP, Servlet, Data Structures, Algorithms.

**Project Details:**

**Project Name : Home Policy**

# Company : Mobileum Inc.

**Client : Viva Bahrain, Movistar Argentina**

# Domain : Telecom domain

**Duration : Aug 2015 to Oct-2016**

# Team Size 10

**Environment : Core Java, Multithreading, Restful API, Jetty(9.2), JSON, SQL,Collections,JSP,Servlet**

**Description: Home Policy** provides CRM integration for viva and Movistar from roaming subscribers. The Home policy is an Element management system integration with external CRM. Home policy solution provides passive monetization revenues as the roaming traveller. This allows clients to take the subscribe valid data.

# Responsibilities:

* Developing backend code and Service Implementation, Peer code review activities, Code analysis, Defect Fix, Change Request, following Agile Methodology etc.
* Core java development for different components. Developed the application using Core Java, Multithreading, Restful API, Web Socket, Jetty(9.2), JSON, Collections
* Scrum with onshore regarding status update meeting daily.
* Based on Technical Specs, develop (or) modify the services and do the corresponding service configurations.
* Worked high end on collections and multithreading.
* Involved in implementation of number of business services.
* Involved in Technical Specification and Business Specification walkthrough.
* Build and deploy the project in local tomcat server using ant script.

# Project Name : Collabrill (www.collabrill.com) Company : Lumbini Software Private Limited.

**Client : CCC Group, Inc.**

# Domain : Human Resource Management(HRM) and Finance Management Duration : From Feb-2015 to July-2015

**Team Size 20**

# Environment : Core Java, Spring(4.0), Maven and MySQL(5.0).Spring MVC, JSON.

**Description:** Collabrill is product for Organization. It is used for getting all the employee activity like Expense, Timesheet, Leave, Project, Report, Sales. It shows the full organization detail. Patient care recommendations.

This project related to the daily activities of corporate companies, using of this product care of employee information and the company basing expenses, Leaves, Project Details and Sales Information of project. Company onboarding and Offboarding information, how many employees is billable. which one is not billable. How the Health information and in which ways Invoice information is maintained. How much resource is working currently this project. Project Billable information.

# Responsibilities:

* The key role in this project to development design and bug fixing .
* Core java development for different components. Developed the application using Core Java, Spring(4.0), MySQL( 5.0).Spring MVC, JSON and Maven.
* Service Implementation, Peer code review activities, Code analysis, Defect Fix, Change Request, following Agile Methodology etc.
* Walk through the Business Specs, Technical Specs with onsite counterparts and attending.
* Build and deploy the project in local tomcat server using ant script.
* The key role in this project to development design and bug fixing.
* Understanding Functional Requirement

# Company : Lumbini Software Private Limited Project Name : Clinakos([www.clinakos.com](http://www.clinakos.com/)) Client : Novakos, Clinakos

**Domain : Health and Insurance**

# Duration : Feb- 2014 to January-2015

**Team Size 20**

# Environment : Core Java, Eclipse, Spring(3.1),Maven, Hibernate (4.3),Spring MVC, MySQL(6.0),JSON.

**Description:** Clinakos is path-breaking analytical application to provide precision medicine based on patient history and genetic mapping. The application analyses data from multiple sources, applies rules based on genetic research data and provides patient care recommendationsClinakos is focused on Patient Cantered Medication Management & Optimization for Specialty Drugs & High This project involves medical related process and systematic analysis of patient and details of patient information. There are two modules first one is Doctor Module and second one is patient module. There is different clinic provider .which have more information related to patient medical disease and suggest to doctor and doctor takes check-up information after them he suggests to patient for medicine .doctors plays key in the project. He gives the dosages quantise suggest to patient for regular check-up.

# Responsibilities:

* The key role in this project to development design and bug fixing.
* Walk through the Business Specs, Technical Specs with onsite counterparts and attending.
* The key role in this project to development design and bug fixing.
* Understanding Functional Requirement.
* Development of Doctor and patient module.

# Project Name : Health Care System

**Company : Lumbini Software Private Limited**

# Client : Xchanging India Private Limited India

**Domain : Health and Insurance**

# Duration : Aug- 2013 to January-2014

**Team Size 20**

# Environment : Java, Spring, MYSQL, Hibernate, Tomcat.

**Description:** Health Care System is a simple and efficient solution for doctors, patients, Pathology, Reception and others. All doctors and patients check.