MUKESH SINGH RATHAUR

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Summary

Having 8+ years of experience.
- Expertise in **Ruby on Rails, Java, Spring, Spring Boot and Hibernate** Framework.
- Experience in System Design, Database Design, Debugging and **Architecture** of large and complex systems.
- Lifecycle experience of **Startup**, difficulties in new Startup and solutions along with large scale corporate.
- Expert in **Integrations** of diverse system with different domain and technologies. Have done **100's of Integrations** including **Aadhar, GST Network, NIC, NSDL, EKYC, ESign, EStamp, Penny Drop** - Bank Account verification etc.
- Expertise in developing **Micro-Services**, **Rest API's** for multi model systems with high level security in place.
- Knowledge of **AWS Architect** level. Enhanced exposure of **AWS, Instance selection, AWS Bill optimization**, EC2, S3, Security setting, User Management, Cloud watch & Notifications, Server matrices, Static Hosting, Inbound and Outbound traffic, Subnets, Routing.
- **Security expert** to understand encryption/decryption involved at various levels. Public private key based encryption using **SHA/AES/RSA** Algorithm, Key/Token based Integrations.
- Handling large scale system, **performance monitoring**, **performance enhancement**, system load checking using tools.
- Implementation of GST Suvidha Provider(**GSP**), **ASP** and Ewaybill(**EWB**), Extended knowledge of **GSTN** & **EWB** APIs.
- Exposure on working Payments System, Payment processor, Device payments, UPI, Merchant On-Boarding automation.
- Very strong knowledge of core concepts in Java (**Collection**, **Multithreading**, **Exception handling**, **Reflection, Garbage Collection and OOP's** etc.)
- Having knowledge of **Design Patterns** like **Singleton, Factory, Iterator, Observer, Decorator, Strategy, IOC and MVC Architectural pattern**.
- Enhanced contribution enabling **Digital India**, Worked on many **Govt. related system and Integrations**.
- Highly skilled in OOP based software and framework design and coding.
- Participate in **Stackoverflow** developer forums and having **8670**+ reputation points.
- Knowledge of automated code review tool, Performance monitoring tools and project management tool.

IT Skills

Technologies	**RoR**(Ruby on Rails), Ruby, **Java**, **J2EE**, Spring, Spring Boot, Hibernate, JUnit, Mockito, Fitnesse,Grails,JQuery, JavaScript,XSLT,AJAX,HTML,CSS.
Software Tools	AWS, EC2, S3,Eclipse, Jira, Confluence, Net Beans, RubyMine, Jenkins, **GIT**, SVN, Redmine, Sonar, SQL Developer, SQLyog, phpMyAdmin, **Redis**
Operating Systems	Windows -X, Ubuntu, PCQ Linux, Red Hat Linux
Servers & Gateways	**Heroku**, Asterisk server with Free PBX configuration, Tomcat, Jboss, **Wepay Payment Gateway**, Mailjet email tracking system, NowSMS, Sendmail.

Work Experience

- Presently working as a Solution Architect at Payswiff Solution Pvt. Ltd. from Feb 2016.
- Worked as Sr. Software Engineer at Oracle India Pvt Ltd.
- Worked as IT Engineer at Tata Consultancy Services(Erstwhile CMC Limited).

Certifications & Training

- Certification in IBM Blockchain Foundation for Developers by IBM on Coursera.
- Annual day Special recognition award in CMC Limited 2015.
- Ruby 1.9 and Rails 3.0 Certificate from IBM Kenexa Prove IT on Cloud with 90% in 2015.
- Certification in Web Application Architectures 98.4% using RoR from University of New Mexico in 2014.
- Certification in Functional Programming Principles in Scala score 100% with distinction in March 2013.
- Certification in Ruby on Rails, Java, AJAX, JavaScript and LINUX on TechGig.com.
- Learn Java language, J2EE from **Naresh Information Technologies**, Hyderabad.

Academic Details

- Master in computer application with 70% aggregate from RTM Nagpur University in 2010.
- BSc(Information Technology) with 69% aggregate from RTM Nagpur University in 2007.

Project Details

Project Name	Goods and Services Tax, GSP, ASP, EWB
Role	Solution Architect
Team Size	30
Details	GST Ecosystem development to provide taxpayer end to end solution for return filing. Build GSP as SaaS system with integration of many other ASP's. Consumption all GSTN Returns provided and public API's. GSP to handle many ASP dashboard to quick review for GSP. Provided all returns available like GSTR3B, GSTR-N. It has integration capabilities for outside diverse system. EWB as SaaS platform to provide all variations for EWB workflow.
Responsibilities	• Designed whole platform in micro-service based Architecture to scale large. • Database design for GSP, ASP, EWB, SSO and Accounting Application. • Setup of new team from scratch, Grooming and incorporating team ethics. • Implementation of end to end system, Handling of performance and scalability.
Skills Used	Ruby2.3.3, Rails-5.1, Postgres, Java, SpringBoot, JPA, Jenkins, Angular JS, HTML5, Redis, RabbitMQ, GIT etc, AWS, S3, EC2, Route53,Jira.

Project Name	Social Relationship Management(SRM)
Role	Sr. Software Engineer
Team Size	30
Details	Oracle Social Relationship Management (SRM) is a Social Cloud business solution. It is the industry's first unified social platform that delivers a seamless experience across listening, engagement, content creation, community management, paid media and the all-important analysis of a company's social media efforts. SRM is one of the most scalable, Robust, Secured application available on Social Cloud. Its more than a solution rather a platform where Businesses can reach out to their focused audience, easily find out the sweet spot to hit market and grow business. It helps to identify the right time and geography to launch the products to reach out maximum customers.
Responsibilities	• Worked on multiple modules of SRM including the core Architecture(SRMA, SSO, Publish, Audit and Workflow and Automation. • Added new features in Bundle management, Team, User Management, RSpecs. • Performance enhancement for large data processing and including multiple channels. • Worked On SKU handling, Provisioning and adding limit controls for channels.
Skills Used	Ruby on Rails, Oracle DB, Postgres, Java, Spring , Hibernate, Jenkins, Backbone JS, Rails Best Practices, RabbitMQ, GIT etc.

Project Name	FACTS-Fingerprint Analysis Criminal/Civilian Tracing System
Role	IT Engineer
Team Size	25
Details	FACTS is an automated Finger print matching System. It has the capability to save finger prints to database and match against them. It is an advanced Browser Based automatic fingerprint identification system, indigenously developed by CMC, with state-of-the-art image processing and pattern recognition techniques. Criminal Attribute Database (CADB) is a web application used to store criminal personnel information. It is used to manage details of a Criminal. CADB is independent component can be integrated with other systems too. It has enhanced level of SEARCH & REPORT.
Responsibilities	• Migration of CADB whole from 2.x version to 3.x version of Rails and Jruby. • Code Review, Tool based code review, Refactoring and focus on library usage. • Interface design and Web Service implementation to interact with other System like HDIITS, eGujCops etc.
Skills Used	RoR, Java, Spring, Struts, Hibernate, C++, Jruby, Grid Gain, Warbler, SVG, Maven, Jenkins, BIRT, Rails Best Practices, ActiveMQ, DWR, OCX, Ajax, Jquery, SVN, Oracle

Other Projects: EWB, Accounting, Invoicing, Innovista, ActiveFam, SocialFlok, Future Publishing CMS, OranjMedia, Commenting System, Media Library, TwitStarz, SmartAgent, Tvider, TwitBrewGateway.