Mohit Rathod

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Objective

Designing and Developing scalable enterprise software solutions. Especially interested in building mission-critical, multi-tiered applications with a job profile related to Big data, Streaming, Cloud Computing, SOA, Java, Microservices, Machine Learning.

Current Profile

- Over **12+ years** of experience in the Java technology landscape, currently working as Technical Lead at Skyhigh Security (Mcafee Enterprise).
- A day at work you find me busy Solving Archtractual problem, helping customers succeed with technology, resource/time management, leading a team, programming.
- End of the day Responsible for quality deliverables, healthy services at production, and quality code from the team.
- Expertise in JAVA Enterprise applications, SaaS Platforms, At present hands-on experience with Spring, Redis, Python, Kafka, Flink, Presto, AWS.

Technical Skill

Languages/Methodologies	Java, Python, JavaScript, XML, JSON
Fundamentals	Data Analytics, Search Algorithms, NoSqls, DI, AOP, Design Patterns, OOP, Functional Programming, RDBMS, SQL, ML
Technologies	Kubernetes, Kafka, Flink, Presto, Hive, EMR, RESTful, Spring, Solr, JPA, Maven, Oauth2, Big Data, Docker, JWT, Redis
Database Technologies	Oracle, MySQL, Sybase, MongoDB, DynamoDB, Presto, Athena
Software tools and Utilities	Eclipse, IntelliJ IDEA, JIRA, Confluence, Jenkins, MySql Workbench, PyCharm
Operating Systems	OS X, Ubuntu and other flavours of Linux

Roles & Responsibilities

- Architectural Design, Research & Development
- Active participate of Scrum and Agile model
- Handling small group of resources
- Onsite Experience with UK and NL clients
- Communication with client and requirements understanding
- Schedule work, code review and QC of codes
- Application Environment Configuration

Work Experience

Company	Skyhigh Security
Designation	Technical Lead
Timeline	Sep 2021 – Present (1 years, 6 months), Bengaluru, India
Company	Jio Platforms Ltd (TIME100 Most Influential Companies)

Designation	Senior Software Engineer
Timeline	January 2019 – Sep 2021 (2 years, 10 months), Bengaluru, India
Company	Cisco
Designation	Software Engineer III
Timeline	Aug 2017 – Dec 2018 (1 year 5 months) Bengaluru, India
Company	Capgemini and Morgan Stanley
Designation	Consultant
Timeline	Aug 2015 – Jul 2017 (2 years) Bengaluru, India
Company	Mobiquity Inc.
Designation	Senior Software Engineer
Timeline	Oct 2010 – Jul 2015 (4 years 10 months) Ahmedabad, India
Company	n-Xperts Solutions
Designation	Software Engineer
Timeline	Apr 2010 – Sep 2010 (6 months) Rajkot, India
Company	Every Step Group Pvt. Ltd.
Designation	Software Engineer Intern
Timeline	Jan 2010 – Apr 2010 (4 months) Ahmedabad, India
Company	Freelance Java Programmer / Web developer
Designation	Software Engineer
Timeline	Sep 2009 – Dec 2009 (4 months) Rajkot, India

Key Projects

Company	Skyhigh Security
Title	Technical Lead
Role	Technical Lead
Duration	1.5 years
Team size	10 members from India, US, Germany
Technology	Kubernetes, Kafka, Flink, Presto, Java, Spring boot, Eureka, Zuul, Spring data, RESTful, Python, Redis, ELK, CI/CD, AWS

Building data streaming pipeline for Skyhigh firewall, providing real-time alerts, analytics to customers and solving scalability challenges. Processing 5 Billion events a day and counting.

Company	Jio Platforms Ltd
Title	Carrier Engine
Role	Senior Software Engineer
Duration	2 years
Team size	10 members from India
Technology	Java, Spring boot, Eureka, Zuul, Spring data, RESTful, Python, Oracle, Redis, MongoDB, ELK, CI/CD, JioCloud

Building an Online Ecommerce Platform specifically involved in delivery Slot management and Carrier recommendation services, Designing a platform with micro-services capabilities and horizontal scaling.
Designed Customer Number Masking service and Integration with OMS and Carrier Booking Services.
Solved performance and throughput related issues.
Implemented Distributed caching using Redis.
Developed Backoffice Services from scratch and provided innovative tools that TechOperations can use.

Company	Cisco
Title	Cisco FirePower (security firewall)
Role	Software Engineer III
Duration	1 year 2 months
Team size	15 members from India, US
Technology	Java, Spring boot, Persistence, Jetty, DB2, RESTful, Python, NoSql

It's a Hardware Firewall for data protection at firm level capable of handling very huge data transfer and provide security on the data transfer.
Designed services and dashboards for realtime analytics preview and feature management.
more details

Company	Capgemini and Morgan Stanley
Title	Wealth Management Tool for Morgan Stanley
Role	Tech. Consultant
Duration	2 years
Team size	25 members from India, US
Technology	Java, Spring Boot, Persistence, Angular JS, Jetty, DB2, RESTful, Python, NoSql

Wealth Management Tool is an application used by a Bank's business unit every day to get a suggestion of attractive scheme related to Mortgages and Wealth Management Products for End Customers, Tool can analyze multiple loans and finance products from the history of the bank as well as from market sources on a given pivotal input. It got boosted Algorithms from the ML framework and also powerful visuals from AngularJS.
Here I am responsible to design a reusable calculation framework as well as high-quality calculation logic that calculates and predicts pricing and interest rates for different types of Mortgage loan products. Also involves in application design and generic functionality development part and yes have built attractive Angular JS front end.

Company	Mobiquity Inc.
Title	Superdirect (e-commerce)
Role	Sr. Software Engineer (developer / server / analyst / team lead)
Duration	1 year
Team size	25 members from India, Netherlands, US, Serbia
Technology	Java, Broadleaf Commerce (Spring, Persistence, Thymeleaf, Solr), Apache Tomcat, AWS, Spring Social, OAuth2

E-Commerce Platform for Netherlands Based online store where you can order your groceries, It generates QR Code on successful cart checkout, that QR Code can be scan with Superdirect Pickup points which are fully automated. It also has a KPI module for merchants.
I was involved in the development of geospatial search to find products nearest to customer's locations and sort based on distance, offers, ranking, etc.
Configured and Optimized Solr Search engine for the entire product catalog.
Developed Autocomplete or auto-suggest APIs

Company	Mobiquity Inc.
Title	EMTE (e-commerce)
Role	Sr. Software Engineer (developer / server / analyst / team lead)
Duration	1 year
Team size	25 members from India, Netherlands, US, Serbia
Technology	Java, Broadleaf Commerce (Spring, Persistence, Thymeleaf, Solr), Apache Tomcat, AWS

E-Commerce Platform for Netherlands Based Company to buy and sell stuff, unique part of this Application is Voucher Distribution and Multiple Contribution in one gift or Voucher. Users can purchase or order a gift and invite friends to contribute to that gift. The platform has cards for "saving-together" in that family members can join the program and earns loyalty points. With this project, I have worked on Machine imported Products that use the Talend tool to import big data from various inputs then process and persist it. Worked on the "saving-together" and Gift Voucher program.

Company	Mobiquity Inc.
Title	WRAP (Website Reports and Analysis Platform)
Role	Sr. Software Engineer (developer / server / analyst / team lead)
Duration	2 years
Team size	15 members from India, Netherlands, UK
Technology	Java, Spring, GWT, Torque, Apache Tomcat

A Business Tracking Dashboard and ROI tool, like google analytics and Facebook Demographics. WRAP is an analysis tool for customers of European Directories to analyze business growth by giving reports of website usage, traffic, Facebook fan page traffics, Facebook likes, Facebook fan growth, phone and skype traffic analysis, Social Network and Telecom domain information processing.

Company	Mobiquity Inc.

Title	Mobiquity Internal reusable components XRAPID
Role	Software Engineer (developer / server / analyst)
Duration	6 Months
Team size	5 members from India, Netherlands
Technology	Java, Spring, GWT, Torque, Apache Tomcat

Involved in development of reusable components like generic GWT based bar chart and Pi chart and generic information display tables with multiple event support plus pagination and sorting that will use with Mobiquity's rapid development frameworks. Also developed reusable components related to bulk email generation and sender queue implementations.

Company	n-Xperts Solutions
Title	Hospital and Laboratory Management System for Teletech System Europe
Role	Software Engineer
Duration	5 Months
Team size	10 members from India and Germany
Technology	Java, Spring, JSP, Java Script, Hibernate, MySQL, SyBase, Apache Tomcat

A Complete Healthcare System for around 5 Hospitals in Germany also a blood bank management tool, following HL7 standards. Different security module configuration by admin users, it have dynamic mathematical inputs module where hospital staff can construct formula and use it further to another departments.

Company	Every Step Group Pvt. Ltd.
Title	Compare Junction
Role	Software Engineer Intern
Duration	4 Months
Team size	10 members from India and UK
Technology	Java, Spring, Hibernate, MySQL, Apache Tomcat, web crawling programming

Portal for comparing hotels, travels, internet services etc. Provide clients search result with multiple shorting options and searching. It collects data automatically with help of crawler programs with partner's websites.

Company	Freelancer Programmer
Title	Property Crawler for Las Vegas Building Association
Role	Software Engineer
Duration	4 Months
Technology	Spring, Hibernate, MySQL, Apache Tomcat, crawling programming

This project is for building association of Las Vegas for finding dynamic data regarding property from around 5 well known sites insert it to database manage information and export to excel sheets, RSS. It's like intelligent information collection program.

Academic Qualification

- Bachelor of Engineering in Computer Science with **Distinction** from Saurashtra University, V.V.P. Engineering College class of 2010
- Grade 12 exam certification from Gujarat Board, Saurashtra High School with Physics and Maths as main subject, class of 2005
- Grade 10 exam certification from Gujarat Board with Shri G T Sheth Vidhyalaya with main Subjects as Science, Maths, English, Social Science, Sanskrit, class of 2003

Academic Projects

My Academic project includes a development of web based application for Social Network website & role of Requirement analyst as well as core developer in swing based applications.

- Conducted A Practical Session of State Level Seminar along with Ankit Fadia on Ethical Hacking
- Conducted Seminars on Embedded Systems, Microprocessor

Personal Information

Date of Birth	7th January, 1988
Gender	Male
Nationality	Indian
Languages Known	English, Hindi & Gujarati
Marital Status	Married
Hobbies	Programming, Problem Solving, Basketball, Physics, Maths
Address	Bengaluru, Karnataka 560035

Professional Information

Total Experience	11 years
Current Location	Bengaluru, India

"Sometimes it's the very people who no one imagines anything of who do the things no one can imagine."