

Ram Somani

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SUMMARY

Career Summary

Senior Software Engineer with over 6 Years of total experience as Java/J2EE, React and Web application Developer

- Technical expertise in Software Development Life Cycle entailing requirement analysis, design, development, testing and troubleshooting.
- Expertise on Agile Methodologies and Waterfall model environment.
- Hands on experience in Java, Springboot, React, RestFul Webservices, Express.js, Node.js, BDD(Cucumber).
- Experience in working with databases like Cassandra, MYSQL, Oracle, MongoDB.
- Basic understanding of TypeScript, NestJS and testing frameworks like Jest, Mocha, Chai, Mockito and performing load testing through JMeter.
- Hands on Experience in deploying code through Jenkins, Docker, Ansible and basic knowledge of OpenShift and AWS.

Technical Skills

- **Programming Skills:** Java, SQL, CQL, HTML, CSS, Ajax, React, Node.js and Express.js.
- **Web Technologies:** JSF, RESTFul Web Services, Spring Boot, EJB, JSP and Servlet.
- **Scripting Languages:** JavaScript, JQuery, PowerShell.
- **Database & Server:** MYSQL, Oracle, MongoDB and Cassandra, JBOSS, Tomcat.
- **Tools/IDE:** Eclipse, Postman, JIRA, Jenkins, JMeter, Visual Studio, Eclipse, IntelliJ IDEA.
- **Version Controllers:** GIT, Bitbucket, Git Bash.

WORK EXPERIENCE

Société Générale (July 19 – Present)

SyRis/SyRis Migration

The main objective of the project is to provide credit risk management system under Basel framework, it provides information on all credit risks carried by Société Générale Group with its counterparties. SyRis supports this by making all this information available for credit analysis and monitoring. The system is used around 6600 users from BDDF, GLBA, DFIN, IBFS and RISQ. SyRis primarily has the Risk Indicators and Basel Indicators of the counterparties.

Roles and Responsibilities:

- Involved in front end development using JSP, Struts, HTML, CSS, JavaScript
- Involved in back end development using EJB, Servlet, Spring boot and writing SQL queries.
- Involved in fixing bugs through debugging.
- Involved in deployment activities like writing docker file and deploying code using OpenShift container.

NDOD

NDOD is a mandatory regulatory requirement by ECB (European Central Bank) which is developed to identify the default counterparties within the organization.

Roles and Responsibilities:

- Involved in creating architecture and modulization of the workflows
- Involved in front end development using JSP, Struts, HTML, CSS, JavaScript
- Involved in back end development using EJB, Servlet, Spring boot and writing optimized SQL queries.
- Involved in writing unit test cases using BDD framework.
- Involved in fixing bugs through debugging.

ATOM

ATOM is a generic IT & Business process/chain monitoring platform, allowing users to monitor their application processes on the GO.

Roles and Responsibilities:

- Involved in front end development using React.js, Typescript, Materialized UI
- Involved in writing creating redux flow
- Involved in fixing bugs through debugging.
- Involved in writing test cases through Jest

Cube Authorization

Cube Authorization is a user authorization module used to authorize user perimeter through its profiles and permissions, it involves authorizing user's screens based on its referential assigned

Roles and Responsibilities:

- Involved in writing API's using NestJS by connecting to database through typeorm package
- Involved in writing test cases using jest
- Involved in writing migration scripts using migration module of typeorm package
- Writing PowerShell script to export data

ARS Migration

The main objective of this project is to convert all C++ modules to independent java components which are responsible for storing alerts information into database by running and executing shell scripts based on corn scheduler, the information is used by analyst to check any alerts or ratings has been generated for Société Générale Group counterparties.

Roles and Responsibilities:

- Involved in converting C++ modules to Java modules
- Involved in creating and deploying the jar files to server
- Involved in running shell scripts
- Involved in fixing bugs through debugging.

Merck (Jan 19 – July 19) (got converted from Yash Technologies to Merck)

Research Notebook

The main objective of the project is to provide API's using Node.js and Express.js for research Entries and Sections which includes CRUD operations using all types of validation, data modelling, logging techniques, error handling using MongoDB as database.

Roles and Responsibilities:

- Involved in writing REST API's and writing controllers and routes using Node.js and Express.js.
- Involved in creating data modelling for the project.
- Involved in writing task runners using Gulp and creating npm modules.
- Involved in fixing bugs through debugging and adding logging techniques.

Inventory Management

The main objective of the project is to provide API's using Spring-boot for product and material which includes writing micro services using all types of validation, data modelling, logging techniques, error handling using MongoDB as database.

Roles and Responsibilities:

- Involved in writing CRUD operations using Rest templates and Mongo Templates
- Involved in creating data modelling for the project.
- Involved in writing Batch Upload functionality using Spring Batch.
- Involved in fixing bugs through debugging and adding logging techniques.
- Involved in connecting different micro services using proxy integrations.
- Involved in writing queries using Mongo Templates.
- Involved in optimization of code.

Yash Technologies (Aug 15 – Jan 19) (working on client location Merck from Jan 16 – Jan 19)

M Connected Lab

M Connected Lab is application software to automate supply chain process targeted for pharmacy labs. This product help's users to request for chemicals or materials they need based on the requirement, they can also keep a track of their requested products, experiments and researches they are doing for building a chemical thus getting rid of paper work.

Roles and Responsibilities:

- Involved in front end development using JSF, JavaScript, And JQuery.
- Involved in back end development using EJB, RESTful Web Services and CQL.
- Involved in Consolidation and optimization of code.
- End to end design and development exposure, from presentation layer (JSF, JQuery, JavaScript and Ajax).
- Involved in fixing bugs through debugging.
- Involved in end-to-end design and development exposure from presentation layer to database handling.
- Involved in creating back-end API's using Node.js, Express.js and MongoDB.

StockRoom

The main objective of the project is to maintain stock of various chemicals. There are various chemicals Sigma Aldrich provides all over the world So, to keep a record of how much chemicals have been used, what all quantity is left, in this flow user selects the product required with desired quantity, add it to the cart and proceed for checkout, user can also add special order apart from that user can download various reports like billing report, replenish report, order history...etc. The owner of the lab has complete details of buying and selling through emails.

Roles and Responsibilities:

- Involved in front end development using JSF, JavaScript, JQuery.
- Involved in back end development using EJB, RESTful Web Services and CQL.
- Involved in Consolidation and optimization of code.
- Involved in fixing bugs through debugging.
- Involved in writing API's for stockroom mobile application which directly interacts with Cassandra database.

Commerce Integration

The main objective of the project is to provide a platform so that scientist can order various chemicals when needed to continue their research. There are various chemicals Sigma Aldrich provides all over the world. So through our platform user can buy Sigma Aldrich products of different pack-sizes, wherein user is able to see live pricing and availability based on their partner numbers. User can perform various operations like add/modify/delete items to cart, adds shipping and billing addresses, select payment options and checkout process. For getting live pricing we are integrating with DEeP application by calling their API's.

Roles and Responsibilities:

- Involved in front end development using JSF, JavaScript, JQuery.
- Involved in back end development using EJB, RESTful Web Services and CQL.
- Involved in Consolidation and optimization of code.
- Involved in fixing bugs through debugging.
- Involved in writing all API's and end-to-end process for integration with DEeP application.

Storage Management

The main objective of the project is to provide a platform so that scientist can store various chemicals according to their temperatures and levels while doing research, it's a hierarchy structure. User can add up to 5 levels based on their types like BUILDING, STORAGE, SUB-STORAGE, ROOM, BOX, and can associate chemicals to it along with temperatures. User can perform various operations like add/modify/delete/download materials associated with one building or room/move any storage location to any other storage location. This gives ease to the researchers to maintain their chemicals and store it in safe place.

Roles and Responsibilities:

- Involved in front end development using JSF, JavaScript, JQuery.
- Involved in back end development using EJB, RESTful Web Services and CQL.
- Involved in Consolidation and optimization of code.
- Involved in fixing bugs through debugging.
- Involved in making end-to end storage modal along with API's.

EDUCATION

2015	B.E. (Computer Science) – 8.14/10 (CGPA) Acropolis Institute Of Technology And Research, Indore
2011	Higher Secondary – 72.4% St. Thomas Sr. Sec. School, CBSE Board
2009	Senior Secondary – 84.8% St. Thomas Sr. Sec. School, CBSE Board

ACHIEVEMENTS

- Received 3 times Spot Award and Recognition
- Received 2 times Star Team Award
- Received Rising Star Award
- Received Extra Mile Award

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