

RESUME

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Summary

- 6 years of experience in Software Engineering.
- Progressive experience in various roles –Team lead, Mentor, Software Engineer, Reviewer.
- Zeal to learn and work on latest technologies.
- Onsite experience of working directly with client.

Technical Skills

O/S	Windows , Linux
Languages	Java, Python
SDLC	Agile: Scrum, Kanban; waterfall
RDBMS	Oracle, MySql , Documentum and DQL
Backend Frameworks	JAVA J2EE, Adobe Cold fusion, Struts2.0, JSF, Spring core, Hibernate, Documentum, Jersey.
Cloud/ML Frameworks	Windows Azure Blobs, Akamai, Hadoop, Spark, OpenCV
Frontend Frameworks	Angular 7, IONIC, Bootstrap, Cordova, JavaScript/Typescript, HTML, CSS, JQuery.
Web Services	REST web services, JWT(JSON web token) ,Swagger , SOAP web Services.
Testing Frameworks	JUnit, Mockito , Jasmine, Karma
Security	Fortify, Veracode , Black duck, OWASP (2013)
Other	GIT, SVN, Maven, Jira, Apache Tomcat, Jenkins

Education

B.E Computer Science, Thapar University, Patiala.

Projects Undertaken

FIDELITY NATIONAL INFORMATION SERVICES

Current Position: Programmer Analyst II

FIS Loyalty CBRs(Core Banking Reward System):

Clients: USA based Banks

Environment: Agile/Scrum, REST Web Services, JWT(JSON web token) ,IDP ,Angular 7, Oracle 11g ,Apache, Git, Jenkins, Jira, Swagger, Veracode and black duck.

Description: Loyalty & Rewards system is a turnkey and customized loyalty program. This helps Financial Institutions to offer compelling slate of rewards to their most lucrative and loyal customers. Attract, reward and retain the customers with rewards and loyalty solutions that closely align with their interests, to drive greater usage of products and services. CBRs is a Multi-tenant Back office system. It deals with rewards for banking customers only. Provides interface to create and manage FI and their customers, configure Promotions & Rewards, Manage Events for Promotions & Rewards processing

Roles and Responsibilities:

- Member of Scrum team.
- Provided programming, technical, and functional assistance to other members on the project.
- UX design and implementation in Angular.
- Code review and Merging into master
- Coding and unit testing.
- Standout contribution: Swagger integration into java backend, JWT integration, Standardization of coding guidelines for angular as well as backend.

FIS Originate

Clients: USA based Banks

Environment: Agile/Kanban, Adobe Cold fusion, REST Web Services, Struts 2, Oracle 11g ,Oracle web-sphere, Safe-net API, SCM, Jenkins, Test track, Fortify on Demand.

Description: Originate is a loan origination system, automates and streamlines the entire credit origination process for direct and indirect consumer lending and leasing. Originate incorporates functionality that has been in use by leading consumer lenders for more than 16 years. Originate is designed to give your organization more powerful functionality, greater flexibility, and maximum user control over the credit origination process including data entry, decisioning, underwriting, and contract administration for home equity, automotive and other types of consumer lending and leasing.

Roles and Responsibilities:

- Responsible for providing enhancements as per Product Enhancement Documents
- Assistance in regular build releases.
- Responsible for providing hot fixes in various product environments
- Responsible for providing timely solutions to bugs as a part of go-live support team.
- Coding and unit testing.
- Provide programming, technical, and functional assistance to other members on the project.
- Standout Contribution: worked heavily on research and fixes for Fortify security vulnerabilities.(OWASP 2013)

EVRY INDIA PVT LTD

Current Position: Software Engineer.

SKF Media Master

Client: SKF

Environment: Agile/Scrum, Spring, Hibernate, REST Web Services, Struts 2, Documentum, Oracle, Akamai, Maven, Apache Tomcat 6, Javascript, JQuery.

Description: Media Master is a cloud system that provides content management capabilities and process support to SKF.

Roles and Responsibilities:

- Responsible for actively participating in Requirement analysis and proposing designs to handle new requirements.
- Responsible for sprint planning.
- Coding and unit testing.
- Provide programming, technical, and functional assistance to other members on the project.
- Responsible for maintaining code repository.
- Production code deployment.
- Provided training to peers on various java based technologies.

ShopoLoco

Client: In-house Product

Environment: Java, Spring boot, Apache Spark, Spring core, REST Web services, Hibernate, Google map API, Geolocation, Angular, Ionic, HTML, JQuery.

Description: It was an in house application developed as proof of concept for a client. Using this application user can take picture of advertisement while walking through market and post that on this application. Text extracted from image and user location act as unique identifier for the ad/offer and other users can see the offers when in nearby location.

Roles and Responsibilities:

- Responsible for leading the team and developing this software solution.
- Coordinating team.
- Coding and unit testing.
- Provide programming, technical, and functional assistance to other members on the project.

Evry Financial Suite

Client: Multiple Clients

Environment: Java, spring, SOA, SOAP Web services, Hibernate, Oracle, Maven, JUnit, Mockito, jetty, JSF, JavaScript, JQuery.

Description: Payment services are in continuous development in order to provide bank clients with the best available solutions. It furthermore ensures that requirements of governments and international markets for standardization are met with ease. Payment services include the full market-range of services for domestic payments, overseas payments and bank-to-bank payments. EVERY offers payment services to bank and finance markets and directly to end users in the Nordic region and Europe Margins in payment processing are under heavy pressure and banks are dependent on efficient and cost-cutting solutions.

Roles and Responsibilities:

- Member of sprint and scrum meeting.
- Coding and unit testing for given module as an individual contributor.

BURSYS INFOTECH

Positions: Team Lead, Software Engineer.

Dashboard Mobile Application

Client: Bell Howell

Environment: Java, Cordova, Rest Web Services, JBoss AS, Html 5, Backbone JS.

Description: This project is aimed at developing a Responsive application designed to work on multiple devices including mobile and desktop. It is used to provide real-time information about the live sorting machines and their performance statistics. It is also used for creation of work orders for to be picked up by drivers.

Roles and Responsibilities:

- Responsible for design of back-end and front-end.
- Responsible for development of back-end Rest web services
- Responsible for coding front-end design using HTML5, Bootstrap, Cordova and backbone JS.
- Provide programming, technical assistance for new technologies used to other members on the project.

Remote Video Encoding(RVE)

Client: Bell Howell

Environment: Java, JSF 2.0, My SQL, JAI Codecs, JBOSS 6,JNLP, EJB 3.0, SOAP Web Services (Top Down), JSF 2.0, Hibernate 3.0.

Description: The pieces rejected by sorter machine are processed using RVE. It has both standalone and Server applications. Using this application, the operator process the rejected pieces and it sends the updated data back to Server.

Roles and Responsibilities:

- Responsible for development of front end using JSF.
- Responsible for development of backend SOAP web services using apache axis.
- Responsible for development database communication module using JPA, Hibernate.

Netsort

Client: Bell Howell

Environment: Java, Jboss, JSF, EJB, Web Services Axis, JMS, Struts, Hibernate, MySQL

Description: This project is aimed at providing Automation for sorting mail pieces. It is a central server communicates with Sorter Manager Application (in turn communicates with sorting machines) and RVE for providing complete and autonomous sorting solutions. Sorting is done on the basis of country Postal Codes.

Roles and Responsibilities:

- Responsible for development of front end using JSF and struts.
- Responsible for development of back end SOAP web services.

- Responsible for database communication module using JPA, Hibernate.
- Responsible for Debugging and Unit Testing.

GIT Repositories:

- Apache Spark: <https://github.com/simran1991/spark.git>
 - I worked on this project to learn and implement ML algorithms using near real time data streaming using apache spark.
 - Also learned about Cassandra DB, for storing real time data in distributed environment.
- ML and OpenCV: <https://github.com/simran1991/PythonProject.git>
 - I worked on this project to learn and implement image processing algorithms using OpenCV and Python.