MOHIT JAIN

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Present Location: Melbourne

JAVA DEVELOPMENT

Technical Developer & Agile practitioner having 14 years of experience & seeking challenging assignments across the industry in the domain of software development and Design Pattern implementation and DevOps solution design

PROFILE

➢ Competent **Software Professional**, academically proficient with **B.E – Computer Science and Engineering** offering 14 years of rewarding experience in Web application development using Java/J2EE/Spring technologies with good exposure to be varied areas of **SDLC, Agile (SAFE), TDD**, Client Server Technologies and OOAD applications.

➢ Exhaustive hands-on experience of **Java, Spring Framework (Boot), NodeJS, ReactJS, IntelliJ, HTML** and cloud-based tools like **docker, spring cloud, AWS, GCP etc.**

➢ Hands on expertise in OOP principles, RDBMS database designing, Operating Systems, Languages, Scripts, Databases & Technologies and a professional experience in Software Development including the research & requirement analysis.

➢ Comprehensive domain grasp across all functional areas with expertise in **Software Development Life Cycle (SDLC)/Agile (SCRUM)/TDD (Test Driven Development)** and defining project scope, assessing and managing project risks, managing requirement gathering process and User Acceptance Testing.

➢ Exceptional analytical, troubleshooting organizational, communication, prioritization, problem solving and leadership skills with ability to create and sustain high work culture.

Technical Skills

Languages:	Core Java 6/7/8/9, J2EE, PL/SQL, Rest/SOAP API, Shell scripting, Groovy, Nock
Internet Technologies:	HTML5, CSS, JavaScript, JSP, Servlets, XML, AngularJS 2.x, React JS
Application/Web Servers:	Tomcat 7, Oracle Web logic 10.2.3, Google Cloud, AWS, Bamboo (Atlassian)
Framework:	Springs Framework (Core, Boot, MVC, Integration, JMS, JDBC), Hibernate (ORM), Activiti BPMN 2.0, Spock Test Framework
RDBMS:	Oracle Database, Sybase Database, MYSQL Database 5.x, MongoDB
Tech Tools:	Eclipse 3.4/3.5, IntelliJ 1.16.x/1.15.x/2018, Git (SVN), Win merge, SVN Tortoise 1.8.4, SQL Developer, Maven 2.x/3.x, Team city, Jenkins, Docker, Kubernetes, Gradle, MiniKube, Grafana, Prometheus, Dyna Trace, Sonar, AWS/GCP (Cloud Platforms)
Versioning tools:	Visual Source Safe, SVN Tortoise, Win CVS, Git hub
Operating Systems:	Windows 98/NT/2000/2003/7/10, UNIX, Mac iOS
Third Party Application:	HP Scrittura 4.4, Autonomy Template Manager and Autonomy Product Viewer
Development Practices:	Agile Practicing (TDD/SAFE) / Scrum Master/ SDLC

Passionate About

React JS/ Google Cloud/ Kubernetes/ IoT/ DevSecOps / Tech Gadgets / Music

PROFESSIONAL EXPERIENCE

National Australia Bank (NAB)   **June 2019 – Ongoing**
Senior Consultant (Tech Lead) & DevOps

Project Title:	North Star (Business Lending)
Client:	**NAB**
Role:	Lead Developer (70% Development and 30% Lead) & DevOps
Duration	June 2019 – ongoing
Project Synopsis:	Design the home-grown product to replace the existing Seibel System for Business lending product like Home Loan for Business or Quick Biz. Re-design the whole wireframe in the latest UI tech stack like ReactJS and enhance the capabilities of the existing Siebel product to provide a better system for the Bankers to operate.
Accountabilities:	➢ Worked on with most of the asset into the Business Lending which comprises of Document Services, Customer master Service, Consent and Compliance/QnA Services, Loan structure services and many more. ➢ Working on simplification of the existing loan orchestration service as a platform service. ➢ Worked on designing the workflow for the process involved for the documentation for loan purpose to digital from paperwork for which I been appreciated for into the forum. ➢ Develop the API in Node Js function which can be invoked from Aws Lambda and some of the microservices into spring boot with database as Postgres SQL. ➢ Bundle and transforming the existing Lambda function into microservices. ➢ Migration of some of the application from standalone Jenkins to the Nab version of Jenkins which has a lot of list and shift involved and writing some of the custom jobs for ad-hoc process. ➢ Worked for some time as in capacity of DevOps to upgrade some of the infrastructure written in cloud formation and terraform. ➢ Identify the technical stack to be used to overcome the problem of expansion of system and maintaining the system. ➢ SIT/Prod deployment using the GoCD pipeline/ Jenkins and providing the product support postdeployment. ➢ Responsible for setting up the Database Insights and backup policy for different Environment using the terraform scripts.
Technology & tools Involved:	Nodes JS/ Express JS Java/ Spring Boot/ Spring Rest / AWS / Terraform / Kong API gateway / AWS Lambda /Docker /Jet brains IntelliJ / Postman (Newman)(API testing)/ GoCD pipeline / GitHub / Sonar/ Jenkins/ CloudFormation / ECS

Whispir   **October 2018 – June 2019**
Java Developer & DevOps

Project Title:	SPARX/Whispir Platform
Client:	**Whispir**
Role:	Full Stack Java Developer & DevOps

Duration	October 2018 – ongoing
Project Synopsis:	Re-invent the design of the existing Whispir platform which can send the emergencyalert and promotion sending system using different channel of communication like SMS, email, voice, push notification. The new system is comprised of 4 pillars which has specific set of responsibilities and work to offer.
Accountabilities:	➢ Develop the Introspective Testing framework to overcome the integration issues. ➢ Develop NodeJS micro service for Facebook integration with the existing Whispir platformusing Twilio and Facebook API. ➢ Design & develop WhatsApp & Facebook NodeJS micro service for existing platform and the same can be used and integrated with the new platform. ➢ Identify the technical stack to be used to overcome the problem of expansion of system and maintaining the system. ➢ Understand the limitation of the existing system and overcome the same in the new platform. ➢ Successfully implement the DevOps process to support canary build and testing like pipeline and AWS cloud cluster setup and deploy rules.
Technology & toolsInvolved:	Java/ Spring Rest / GraphQL/ Apollo Server 2 / React JS/ Styled Component/ Docker / Minikube / NodeJS / Jet brains Web-storm/IntelliJ / Nock/ Twilio API / Facebook API

Project Title:	Shared Services & OLA (Online Applications)
Client:	**ANZ Bank**
Role:	Bank-end & Front-End Developer (Scale Agile)
Duration	July 2017 – ongoing
Project Synopsis:	Design, Testing, Deploying & maintaining the online application (COLA) along with the shared services which is kind of API services (Backend Services) designed as a common platform for all the other online application for ANZ Bank, which is one of the Big 4 Banks in Australia.
Accountabilities:	➢ Automated Postman test case written for shared services using node JS for different environments. ➢ Responsible for designing the postman scripts to populate the data in production. ➢ Successfully performed POC on Micrometer metrics to add it to all the shared services rest API designed in spring boot. ➢ Responsible for designing the complete local setup using the node JS framework using the minikube setup locally which is in way replacing old tomcat solution which is very painful and always running with memory issues and require changes in a lot of Unix scripts ➢ Involved in designing discussion and implementation of JWT library so it can be implemented and used across all the ANZ internal applications. ➢ Responsible for writing the Junit test cases using Spock framework which require quite good knowledge of groovy scripts. ➢ Involved in migrating one of the Java shared services into Go language. ➢ Responsible for designing and delivering some of the online application which is used by the customer and bankers in ANZ.
Technology Involved:	Java/ Spring Boot / Rest API / React JS / Angular JS /Git hub / Docker / Spock Test Suite/ Gradle/Google Cloud/ Node JS / Prometheus / Grafana

Project Title:	B2C/B2B Web Application/Mobile Application
Client:	**Bajaj Fiserv Limited**
Role:	Java Architect/Developer (Agile)
Duration	August 2016 – March 2017
Project Synopsis:	Bajaj Finserv Limited is a big competitor in the world of providing loans to the customer for their day to day need and now a day's most of the e-commerce sites are also partnering the same to provide the customer with the Emi options for any purchase online. As this project is mostly re-designing the application portal web as well as handheld devices (Mobile/Tablet) in the more open source and advance technologies like Angular JS 2.0, Activiti BPMN 2.0 and AWS etc.
Accountabilities:	➢ Involved for the earlier stage of the project for setting up the benchmark from technology perspective. ➢ Responsible for understanding the Use case as provided by the customer and work on the design principle for the same. ➢ Mostly involved in designing the Activiti Workflow which can be designed using the eclipse and spring boot application tools altogether. ➢ Prepare the POC finding document to be designed as per the finding of the POC designed for the customer. ➢ Responsible to design the custom workflow template which can be utilized by the team for the actual implementation. ➢ Responsible for writing the wrapper on to the existing the Activiti REST exposed endpoints and turns it into the optimum implementation that can reduce the call made by the UI Team at a certain point of time. ➢ In addition to this was also responsible for client Interactions and Interacting with Various Market teams to get all queries resolved. Also required to suggest workable design and technologies for connectivity.

Environment:	Java/Spring Boot/Rest API/Angular JS/Activiti BPMN 2.0/MySQL/Git (SVN)/AWS

Project Title:	CSLINKS
Client:	**Credit Suisse**
Role:	Senior Application Developer and Release Manager (Agile)
Duration	May 2015 – July 2016
Project Synopsis:	CSLinks stand for Credit-Suisse links which comprises of external connectivity to different exchange associated with different market like FX, Rate and credit. System is designed to collect all the trade processed by Credit Suisse that data need to fetch from the exchange and send it to different downstream for processing.

Accountabilities:	➢ Working on Agile model as an individual contributor.
	➢ Working on designing the different links/feeds/exchange to process the trades and send itto the different downstream.
	➢ Involved in activities related to release of all the exchange going prod parallel and live.
	➢ Working closely with the client and exchange to gather the entire requirement and design the entire feed on to the CSLink platform and testing along with that. End to end development.
	➢ Also involved in some of the performance related task like minimizing the time taken by build and collecting the entire statistic related to different layers of the CSLink platform coded in Java/Spring/Hazel cast.
Environment:	Java, Spring core, Hazel Cast, Shell Scripts, SQL

Project Title:	EDOCS
Client:	**Credit Suisse**
Role:	Template & Java Builder
Duration	March 2014 – April 2015
Project Synopsis:	Energy Document Management System (EDOCS) is a system used for the Audit of the OTC trades coming from the trading system and also responsible for reporting the commodities trades to the exchange. This system is responsible for handling the rules like EMIR and Dodd Frank as applied after the crisis of 2008 to manage the commodities market in a proper centralized way.
Accountabilities:	➢ Working on more of the L3 Support and upgrade project.
	➢ Working on upgrading the system from Scrittura 4.1 to 4.4.
	➢ Work on Autonomy Template Manager and Autonomy Product Viewer as a part of upgrade.
	➢ Working closely with the architect team to help understand the existing structure and the major changes that need to carry out at the time of upgrade.
	➢ Work on updating the API calls as per the latest release in the customized code amended with in the core enterprise Application.
Technology Involved:	Java, HP Scrittura, Autonomy Template Manager, Autonomy Product Viewer, Shell Scripts

INautix Pvt. Ltd. (BNY Mellon)   **March 2012 – February 2014**
Technical Lead
Java Developer

Project Title:	Broker Dealer Clearance System
Client:	**BNY Mellon**
Role:	Scrum Manager cum Java Developer cum Configuration Manager
Duration	March 2012 – February 2014
Project Synopsis:	BDC which is also known as Broker Dealer Clearance is used to perform the back-office task to keep a track of different security system related transaction for e.g. Fed Securities, Repo, and Fundsetc. The project was designed to keep a track of transfer of securities as well as cash between two financial institutions which may or may not be a part of the BNY Mellon clearing house. Work is followed using the Agile Methodology which is known to be as the best part to be taken into consideration to keep a track of such a complex project which involves involvement of numerous of different other system which is also considered as the Up & down stream to the BDC application.
Accountabilities:	➢ Work closely with the Project Architecture team on the performance base aspects and make improvements to enhance productivity of the application. ➢ Improving the overall performance aspects of the application which has already been designed in the Flex and Springs Framework. ➢ It also involved direct interaction with client for looking into the performance metrics which is expected to get the one complete one transaction performed in less than a second. ➢ My responsibilities include coding, unit testing and bug fixing for the entire release cycle. I am also looking for the performance up gradation for that Dyna Trace utility is provided to look for the whole pure-path and doing the changes as per the metrics ➢ Also involved in setting up the different Environment on UNIX box.
Technology Involved:	Java, Springs Framework, Hibernate Framework, JUnit, Oracle, Unix, Dyna Trace, Grinder Script, Maven 3.

Infosys Technologies Ltd.   **Dec 2010 - Feb 2012**
Sr. System Engineer
Java Developer

Project Title:	ETD Trade Management (Client-UBS)
Client:	**UBS**
Role:	Senior Java Developer
Duration	April 2011-Feb 2012
Project Synopsis:	This project has various applications used for trade management including front office trading platforms and middle office trade management. Project includes the complete development and support for the application to handle the trading of derivatives in the all the three regions e.g. APAC, EMEA and NA

Accountabilities:	➢ Handling the team and helping them solving their Problems.
	➢ It also involved direct interaction with client for impact analysis for various changes.
	➢ My responsibilities include coding, unit testing and bug fixing for the entire release cycle. I was also responsible for preparation of component design to represent the data flow.
Technology Involved:	Java, JSP, Java Script, JAXB parser, JUnit, JMS, Spring, Sybase, Oracle, Sonar

Mastek LTD   **May 2008 – Dec 2010**
Software Engineer
Java Developer

Project Title:	**Maharashtra Vikrikar Automation System.**
Client:	**Maharashtra Sale Tax**
Role:	Java Developer
Duration	Nov 2009- Nov 2010
Project Synopsis:	It's a multi-tier, web enabled solution having a centralized database, web and application server. Sales tax user can access Mahavikas via WAN. Mahavikas is a window between the Dealer and the Sales Tax Department. It ensures smoother flow of information within the department as well as across multiple Government Agencies, thus improving the quality of service. Mahavikas is an application that facilitates better and speedy services to the dealers/ purchaser and streamlines the operations of the dealers/ purchaser. Mahavikas automates various functions of Sales Tax department.
Accountabilities:	➢ Responsible for design, development and integration of '**LTU Module'** modules which is completely new module. ➢ Responsible for Designing and Developing the **Business Audit** Module. ➢ Responsible for **training new people** for understanding the existing functionality in the depth of it. ➢ Taken a step to improvise the Build structure and succeeded to reduce the time of deployment by 60%. ➢ Involved in UI design and coding in Java and J2EE technologies. ➢ Performed unit testing for self-developed modules. ➢ Work as **a Configuration In charge** (CIC)
Technology Involved:	Java, JSP, Struts, Servlets, EJB2.0, DB2-8.1, HTML, JavaScript, WAS6.0

EDUCATIONAL & PROFESSIONAL CREDENTIALS

B.E – Computer Science and Engineering, 2007
Vaish College of Engineering, Rohtak (MDU)

Date of birth: 24th October 1985
Nationality   Indian
Marital Status   Married
Linguistic Proficiency: English, Hindi
Passport Details: K1097495