

Sagun Maharjan

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First Technology Inc

Objective: Highly-motivated, hardworking, detail-oriented and visionary Full Stack Java Developer with 3+ years of experience providing quality analytical and technical solutions to multiple Fortune 500 companies on the domain of Retail and Banking sector using latest tools and technologies, seeking for leadership position. I believe that I have the confidence needed to accept any challenges in any domain.

Professional Summary:

- A dedicated professional with **3+ years of experience** in Software development specializing in **Software Analysis, Object Oriented Analysis & Design, Implementation and Testing Java / J2EE technologies.**
- Well versed with **Agile methodologies, Scrum framework** and all phases of **software development life cycle** in client server environment, Object Oriented Technology and Web based applications.
- Expertise in Design and Development of enterprise applications using **Java/J2EE** technologies including **JSP, Servlets, Struts, Spring, Hibernate, JPA, EJB, JMS, MDB, JDBC, JNDI, JSTL, JAXB, AWS JAX-WS, JAX-RS, JSON web tokens and Web Services.**
- Highly experienced in designing and implementation of Web Based, Responsive web Design and Client/Server applications using **Spring Framework, ORM Framework (Hibernate and JPA), Web Services and JSF.**
- Used Icefaces components to develop **JSF pages** and configured faces-config.xml.
- Expertise in implementing **SOAP Web Services and RESTful Web Services.**
- Dexterity in building web technologies using **HTML, XML, CSS, AJAX, JavaScript, JSON, JQuery, Node.JS and Angular.**
- Extensive knowledge in general object-oriented design principles and concepts including **Design patterns** like Singleton, MVC, DAO, Factory, Facade etc.
- Proficient in **RDBMS Design.** Worked on databases like **Oracle, MySQL, NOSQL- MongoDB, DB2, and SQL Server** with strong experience in coding using **SQL, PL/SQL and Stored Procedures.**
- Composure and hands-on experience with build tools like **ANT and Maven.**
- Experience in working with **logging frameworks like log4j.**
- Well experienced in using **testing tools like JUnit, SoapUI.**
- Extensive hands-on experience in **designing** Rational Rose Enterprise Tool for Object Oriented Analysis (**OOA**) and Design (**OOD**) methodology using Unified modeling language (**UML**) and Rational Unified Process (**RUP**).
- Extensive experience with Java complaint IDE's like **Eclipse, MyEclipse, RAD, JBuilder**
- Good understanding of **Test Driven Development (TDD)** Environment and **Service Oriented Architecture (SOA)** and **knowledge of Amazon Web Services.**
- Development experience with Application/Web servers like **IBM WebSphere, BEA WebLogic, Apache Tomcat and JBoss.**
- Coordinating with the QA team, and resolving the QA defects.

- Excellent client relation skills and the drive to complete tasks effectively and efficiently where customer services and technical skills are demanded as well as the ability to communicate effectively with all levels of management and the client community.

Technical Summary:

Languages	Java, Python, PHP, J2EE, XML, HTML, CSS, JavaScript
Java Technologies	Servlets, JSP, JSTL, Spring, Hibernate, JPA, Struts, AJAX, JSON, EJB, JMS, Apache ActiveMQ, JNDI, MDB, JAXP, JAXB, JDBC
Frameworks:	Struts, Spring IOC, Spring AOP, Spring MVC, Spring Batch, ORM, JSF, Node.JS, Angular, JQuery, Expressjs, React, CodeIgniter, Spring MVC, Spring Boot, Drupal, Wordpress, Selenium, Bootstrap
Web Services	SOAP(JAX-WS) and RESTful (JAX-RS) Web Services
Development Tools	Eclipse, NetBeans, Ant, Maven, Web logic Workshop, WebSphere Studio Application Developer, RationalRose, Microsoft Visio, Log4j, CXF, Jenkins, Gradle, SoapUI, JUnit
Designing Methodologies	MVC, DAO Pattern, Factory, Facade, Business Delegate and Singleton Pattern, UML, Agile, XP Methodologies
Web/Application Servers	WebLogic, WebSphere, Apache Tomcat, JBoss
Databases	Oracle, PL/SQL, MySQL, MongoDB, DB2, SQL Server
Version Control System	SVN, CVS, GIT, Bitbucket, Rational ClearCase
Templating Engines	Jade, EJS, Handlebars, Twig
Data Visualization	D3.js, Numpy, pandas, Oracle APEX, Oracle Pulse
Designing Tools	Autodesk 3d Studio Max, Autodesk AutoCAD, Adobe Creative Suite

Professional Experience:

Client: ULM Computing Center, Monroe, LA

Feb 2017 – Present

Role: Full Stack Java Developer

Description: ULM Computing Center provides the capability for complete tracking and reporting of University activities and events. It specializes in providing a wide variety of computing and network services for faculty, students, and administration. The web programming team is responsible for designing

and implementing many of the interactive web applications on campus including the University website and the ULM mobile app.

Responsibility:

- Involved in various **Requirements and Design** of the application and active involvement in many aspects of the software development lifecycle adopting **Agile** Software Development Methodology.
- Involved in designing **UML** case diagrams, class diagrams, and activity and sequence diagrams.
- Participated in semi-weekly status updates with management to discuss progress and concerns.
- Involved in the **GUI** development for implementing new **JSP** pages.
- Developed Front-End using **HTML**, **JSP**, and **JavaScript** and **CSS** technologies.
- Work closely with Business users/product customers to understand the **business requirements**.
- Involved in various Software Development Life Cycle (**SDLC**) phases of the project.
- Generated Use Case Diagrams, Class Diagrams, and sequence diagrams using **Rational rose**.
- Develop new **REST services**, parsing XML based configurations for new feature requests for the product.
- Developed user interface using JSF/Prime Faces to simplify the complexities of the application.
- Used Ice Faces components to develop **JSF pages** and configured faces-config.xml.
- Developed various **EJB** Components to fulfill the business functionality.
- Extensively used Hibernate in data access layer to access and update information in the database.
- Implemented various design patterns in the project such as **business Delegate**, session facade, **data transfer object**, **data access object**, and singleton.
- Designed various tables required for the project in **SQL Server** database and used stored w/ procedures and triggers in the application.
- Performed **unit testing** using Joint framework and used Struts Test cases for testing Action Classes.
- Used **Ant Scripts** to build and deployed on **WebSphere** application server.
- Monitored the error logs using **Log4J** and fixed the problems.
- Used **Spring AOP** for transaction management and developing advices for various cross cutting.
- Used Hibernate **object relational mapping** on the database schema.
- Integrated off the shelf devices using **Java Communications API**.
- Used **Log4J** to print the logging, debugging, warning, info on the server console.
- Updated the layout of the university's homepage and other subpages to support full **mobile responsiveness**.
- Sanitized personnel directory of employees and students of using **python3**, **MySQL**, and **Selenium** module.

Environment: Java, Spring Boot, Angular, JSP, JSF, Hibernate, J2EE, WebSphere Application Server, Web Services, Manual Tester, XML, SQL Developer, PL/SQL, Oracle database, Drupal, PHP, JS, CSS, Log4J, Selenium, SQL server, MySQL

Client: Houston Bank, Houston, TX

Mar 2016 – Jan 2017

Role: Java/J2EE Developer

Project Description: North Houston Bank is one of the largest financial institutions that offers services like banking and investment. This bank offers various financial and banking services to its customers. EZAccess was an implementation of online account management system that provides secure online access to customer accounts and keeps track of daily account activity like Withdrawals, deposits, payments and transfers. Transaction functionality is a part of this application allowing customers to transfer the funds and review the past as pending transactions. The application also provides a confirmation mail of a successful transfer fund.

Responsibilities:

- Involved in requirements analysis, and designing of **UML** diagrams(Use Case diagrams, Class diagrams and Sequence diagrams) using **Rational Rose**.
- Implementing **scrum framework in Agile methodology**.
- Analyzed and designed **Object models** and **J2EE Design Patterns** in various tiers of the application.
- Developed the application using **Eclipse**. Deployed the application in **Weblogic** Application Server.
- Used **Struts** Framework for major data entry and verification screen.
- Involved in design and Development of user interfaces using **HTML, DHTML, JavaScript** and **CSS**.
- Application is deployed on **WebSphere** Application server. **Maven** is used as a build tool.
- Extensively used **Spring** framework's Dependency Injection (DI) for object's dependency resolution.
- Used **Spring AOP's** Declarative transaction management approach to handle transactions.
- **Integrated Struts** framework with **Spring Framework**.
- Used **Hibernate** framework as the persistence layer for interacting with **Oracle database**.
- Used various J2EE design patterns, like **DTO, DAO, and Business Delegate, Service Locator, Session Facade, Singleton** and Factory patterns.
- Consumed **Web Service** for transferring data between different applications.
- Extensively used **AJAX** for asynchronous loading of WebPages.
- Written complex **SQL** queries, stored procedures, functions and triggers in PL/SQL.
- Used **JMS** (Java Messaging Service) Publish/Subscribe model for asynchronous communication between different modules.
- Configured and used **Log4J** for logging all the exceptions and used Clear Case Version Control.
- Created test plans and **JUnit** test cases and test suite for testing the application.

Environment: Java, JSP, Servlet, RAD, DB2, Struts, Spring, Hibernate, J2EE, IBM WebSphere Application Server, Web Services, Rational RequisitePro, DOM, SAX JMS, Clear case, Clearquest, Rational Functional Tester, Manual Tester, XML, SQL Developer, Oracle database, Windows XP, UNIX.

Internships:

Client: Pearson PLC, Morrisville,NC

Jun 2015 – Dec 2015

Role: Software Developer Intern

- Developed the single sign-on dashboard integrated with the Pearson cloud system using SMS gateway, AWS terraform, Oracle APEX, and D3.js libraries generating the reports for supply chain, release management and ServiceNow systems.
- Deployed real time visualization portal for global visibility into Key Performance Indicators (KPIs) that describes the health of operations support, risks, upcoming major events like key project releases, disaster recovery trials, environment management strategy which reduced the helpdesk tickets by 30%.
- Participated in all phases of Software Development Life Cycle from requirements gathering to production systems using tools like Kintana, Kibana, and Elasticsearch following the Agile's Extreme Programming methodology.

Client: Open Learning Exchange, Cambridge,

Jun 2014 - Aug 2014

Role: Remote Virtual Software Engineering Intern

- Collaborated with the team of 48 members using Git, GitHub, and Gitter improving the e-learning software (Bell Apps).
- Wrote automated selenium test cases in python 3 troubleshooting 40% of bugs in the UI components of the Bell Apps.
- Tested Raspberry-Pi servers with Vagrant and accurately predicted the threshold traffic load of the servers.

Honors and Awards

- University of Louisiana Monroe, President's List and Dean's List
- ULM Emerging Scholar Award (\$400 stipend for a standalone computational physics research project)
- Microsoft Certified Professional (MCP) and Adobe Certified Expert (ACE)

GitHub (Completed projects pinned): <https://github.com/sagun98>

Side-Projects

- <http://ulmspider.co.nf/> - Scrapped the universities personal directory to create an interface for rating and commenting profiles.
- <http://ulmesp.co.nf/> - Automated the planetary telescope to take pictures and upload it in the web server using python script.
- <http://studentsubmission.16mb.com/> - Interface to submit the assignments and paper which is directly mailed to the admin.

EDUCATION

Bachelor of Science in Computer Science, University of Louisiana Monroe