# Nabin Acharya

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**PROFESSIONAL SUMMARY:**

* Over 7 years of Technical Expertise in complete Software Development Life Cycle including Analysis, Design, Development, Testing and Implementation and support of web based and client server based applications.
* Hands on experience in Agile software development with Scrum methodology.
* Extensively worked on N-tier architecture systems with application development using Java, J2EE, Spring, Spring MVC, Hibernate, AngularJS, Security, AOP, Multithreading, JSP, Servlets, Web Services and JDBC.
* Expertise with Web Based GUI architecture and development using AngularJS, Bootstrap, JSP HTML5, CSS3, AJAX, JavaScript.
* Hands on experience in continuous integration, design, unit test, integration test and testing frameworks. Thorough knowledge of OOAD, UML concepts and design patterns like Observer, Strategy, Template, Factory, Iterator, Command, Composite, Facade, Singleton, Proxy, DAO and MVC.
* Strong experience in XML related technologies including XSD, DTD, XSLT, XPATH, DOM, SAX, JAXP, JAXB, and XML Beans.
* Excellent RDBMS experience with writing SQL queries, PL/SQL, T-SQL, Stored Procedures, MSSQL, MySQL, PostgreSQL.
* Experience in Version control management tools like GIT and SVN.
* Excellent working knowledge on build tools ANT/Maven, unit testing with JUnit and logging tools like Log4j.
* Good understanding of UNIX and Shell (Bash) scripting.
* Excellent communication, interpersonal and analytical skills and a highly-motivated team player with the ability to work independently.

**EDUCATION:**

# Bachelors in Information Management, Tribhuvan University, Kathmandu, Nepal

# TECHNICAL SKILLS:

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| **Languages:** | C, C++, Java, HTML, SQL, PL/SQL, XML. |
| **J2EE Technologies:** | JDBC, JSP, JSTL, Servlet, JNDI, Web Services (SOAP/REST). |
| **Web Technologies:** | JSP, HTML5, CSS3, JavaScript, JQuery, AJAX, JSON. |
| **Frameworks:** | AngularJS, Spring, Hibernate. |
| **Databases :** | My SQL, Oracle, SQL Server, IBM DB2, Stored Procedures. |
| **Web/Application Servers:** | WebSphere, WebLogic, JBoss, Apache Tomcat. |
| **Methodologies:** | Agile, Scrum, TDD, Waterfall. |
| **Operating Systems:** | Windows Linux, UNIX. |
| **IDEs:** | Eclipse, NetBeans, RAD. |
| **Other Tools:** | ANT, Maven, JUnit, Log4j, SQL Developer, SVN, GIT. |

**PROFESSIONAL EXPERIENCE:**

**Client: UBS Investment Bank, Jersey City, NJ September 2016 to Current**

**Role: Java Developer**

# Responsibilities

* Worked on Agile methodology comprehensibly and participated in sprint planning, scrum meeting/training, estimation meeting, standup during whole project cycle.
* Designedand modeled the various component of the project the detail documentation and use case.
* Used JavaScript, AngularJS, Bootstrap, AJAX, XML, CSS3 and HTML5 technologies to build dynamic web contents with high performance.
* Implemented security, logging and transaction advices using Spring AOP.
* Injected dependencies into code using Spring core module.
* Used Hibernate to persist data to Oracle RDBMS and Hibernate for storing the history of database transaction for auditing purpose.
* Developed a RESTful service to provide all the CRUD capabilities and we delivered XML and JSON response format to support various service clients.
* WebLogic Application Server was used to deploy, implement and test the coded functionality.
* Designed Database and wrote SQL queries and Stored Procedures for interacting with the Oracle database.
* Used Maven scripts for automating the process of building, testing and deploying the system.
* Used JUnit for unit and integration testing and Log4J to create log files.

**Environment:** ​Java, J2EE,Hibernate, Spring, Servlets, JMS, Oracle, PL/SQL, SQL,AngularJS, Bootstrap, HTML5, CSS3,AJAX, JavaScript, JSON, WebLogic, RESTful, Apache Tomcat, Eclipse, JUnit, Maven, GIT, Log4j, Windows.

# Client: Capital Group, Irvine, CA March 2015 to September 2016

# Role: Java Developer

# Responsibilities

* Actively involved in Analysis, Design, Development, Integration and Testing of application modules using Agile (Scrum) methodology.
* Designed Use Case Diagrams, Class Diagrams and Sequence Diagrams and Object Diagrams, using UML to model the detail design of the application.
* Developed UI by using AngularJS, HTML5, XML, CSS3, JavaScript, and AJAX.Used AngularJS to create single page applications.
* Developed several filters for user authentication and user authorization by using Servlets API.
* Built a role based application and implemented backend architecture using Spring framework.
* Developed Hibernate mapping files for the Object Relational Mapping while configuring Hibernate.
* Implemented the persistence layer using Hibernate and configured Hibernate with Spring to interact with the Database from the DAO.
* Created REST web services to get the response in front end for online application.
* Written complex SQL queries, stored procedures, functions and triggers in PL/SQL.
* Developed ANT build scripts for compiling and building the project.
* Configured and used Log4J for logging all the debugging and error information.
* Created test plans and JUnit test cases and test suite for testing the application.

**Environment:** ​Java, J2EE, Spring, Hibernate, Servlets, JMS, AngularJS, HTML5, XML, CSS3, JavaScript, AJAX, REST Web Services,Servlets, Oracle, PL/SQL, SQL, Eclipse IDE, Oracle, SVN, JUnit, ANT,Windows.

# Client: Apple Inc.,Sunnyvale, CA July 2014to March 2015

# Role: Java Developer

**Responsibilities**

* Responsible in complete SDLC management using Rational Unified Process - Requirements gathering, design, Analysis, Detail design, Development, Mentoring, System and User Acceptance Testing phases of application using Agile Scrum methodology.
* Analyzed information to determine, recommend and plan installation of a new system or modification of an existing system.
* Designed Use Case Diagrams, Class Diagrams and Sequence Diagrams and Object Diagrams, using UML to model the detail design of the application.
* Built a role based application and implemented MVC architecture using Spring framework and used JSP’s, JQuery, AJAX, JavaScript, and CSS as some of the tools to enhance user experience.
* Created and maintained the configuration of the Spring Framework’s IOC container.
* Implemented Spring Security for authentication and authorization.
* Developed Action Classes and Action Forms and implementing validations.
* Developed Hibernate mapping files for the Object Relational Mapping while configuring Hibernate.
* Used SOAP Web Services for client side for exchange rate calculation.
* Developed PL/SQL packages and triggers.
* Develop and direct software system testing and validation procedures using JUnit.
* Used GIT version control to maintain the different version of the application.

**Environment:** ​Java, J2EE, Spring, Hibernate, Servlets, JMS, Oracle, SQL, XML,HTML, CSS, JSP, JQuery, AJAX, JavaScript, WebLogic, Apache Tomcat, Eclipse IDE, GIT, SOAP Web services,JUnit, Log4j, Unix.

**Client: Siemens HealthCare Inc., Malvern, PA January 2013 to June 2014**

**Role: Java Developer**

**Responsibilities:**

* Actively involved in all the phases of SDLC including Requirements Collection, Design and Analysis of the Customer Specifications, and Development and Customization of the Application.
* Developed UML sequence diagrams for dynamic modeling with focus on identifying the behavior within of the system.
* Responsible for writing client side validations using JQuery with AJAX.
* Created user-friendly GUI interface and Web pages using HTML and CSS and JSP.
* Creation of client side validations using JavaScript.
* Developed web application using Spring Framework with MVC design pattern.
* Integrated the Spring framework with Hibernate ORM tool to access the Oracle database.
* Worked on Spring Controllers and connecting the services using Spring annotations and dependency injection mechanism.
* Developed and Deployed SOA/Web Services (SOAP) using Eclipse IDE.
* Developed build and deployment scripts using ANT scripts
* Using SVN version control tools to manage source repository.
* Provided JUnit test cases for the application to support the Test-Driven Development (TDD).
* Provided Log4j support for the application for debugging the system.

**Environment:** Java, J2EE,Hibernate, Spring, MVC, JMS, Eclipse, XML, JQuery, JavaScript, AJAX, HTML, CSS, JSP, SOAP, Oracle, PL/SQL,JBoss, JUnit, Windows, ANT, SVN, Log4j, Windows.

**Client: E Panas Software, Kathmandu, Nepal March 2011 to December 2012**

# Role: Java Developer

**Responsibilities:**

* Reviewed the functional, non-functional requirements and high level designs and responsible for full life cycle delivery of several development projects, consistently meeting project milestones and deadlines with superior quality.
* Worked on Agile software development with Scrum methodology.
* Developed and integrated with server components using Spring and Hibernate.
* Developed Web tier by using Spring MVC, Spring Security, AOP, JSP using custom Tag Libraries, HTML, CSS and JavaScript.
* Developed several RESTful web services supporting both XML and JSON for collection and retrieval of different data.
* Developed POJO objects corresponding to the database schema and implemented Object-relation mapping(ORM) in the persistence layer using hibernate framework.
* Developed the service classes for better data exchange between the MVC layers.
* Wrote Stored Procedures, prepared statements and views for DAO layer.
* Implemented features like logging, email service using Spring AOP.
* Used Maven for building and packaging the application.
* Assisted QA team members to write test cases.

**Environment:** ​Java, J2EE,Hibernate, Spring MVC, Servlets, JMS, RESTful, JSON, XML, JSP,MySQL, PL/SQL, NetBeans, Eclipse, Log4j,SVN, Maven, JUnit,Windows.

**Client: View Nepal Web Hosting, Kathmandu, Nepal** **February 2010 to March 2011**

# Role: Jr. Java Developer

# Responsibilities​

* Actively involved in deployment of full Software Development Life Cycle (SDLC) of the tracking systems Requirement gathering, Conceptual design, Analysis, Detail design, Development, System Testing, and User Acceptance.
* Defined and designed the layers and modules of the project using OOAD methodologies and standard J2EE design patterns and guidelines.
* User Interface was developed using JSP and tags, CSS, HTML, JQuery, JavaScript and AJAX.
* Used AJAX for developing asynchronous web applications on client side.
* Designed and developed all the user interfaces using JSP, Servlets and Spring framework.
* Developed the DAO layer using Hibernate and used caching system for real time performance
* Developed Web Service provider methods (bottom up approach) using WSDL, XML and SOAP for transferring data between the Applications.
* Worked on triggers and stored procedures on Oracle database.
* Configured Java Messaging Services (JMS) on WebSphere Server using Eclipse IDE.
* Developed test cases for Unit testing and performed integration and system testing.

**Environment:**Java, J2EE, Spring, Servlets, Hibernate,JNDI, JSP, HTML, CSS, JavaScript, AJAX, Log4j, WebSphere, Oracle, PL/SQL, JMS, Java Beans, SOAP Web services, ANT, SVN, Eclipse,Windows, JUnit,Unix.