# TWISHA PATEL

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## Professional Summary

Analytical Java Developer with 3+ years of experience handling popular web languages and JavaScript to develop and implement applications based on clients' needs. Exceptional technical skills in coding and software development. Forward-thinking professional talented at developing creative solutions for complex technical problems.

## Skills

- **Language:** Java, Core Java, JavaScript, PL/SQL, SQL
- **Java Technologies**: JDBC, Servlets, JSP, JRA, JPA, JTA, Java Mail, JMS, JNDI, JAXP, JMX
- **Frameworks:** JSF, Struts, Hibernate, Spring MVC, Angular
- **IDE Tools:** Eclipse, Net Bean, IntelliJ IDEA
- **Methodologies:** SDLC, Agile, Scrum, Waterfall
- **Web Technologies:** HTML5, CSS3, JavaScript, XSLT, XML, Bootstrap
- **XML technologies**: XSL, XSLT, SAX, DOM, XPath, WSDL, DTD, XSD, SOA, JAXB, Apache
- **Databases**: MySQL, Oracle, SQL Server, MongoDB
- **Tools:** Jenkins, GitHub, JMeter, CVS, VSS, SVN, Junit, Ant, Maven, Log4

## Education

**Bachelor of Science**: Software Engineering                    05/2020
**San Jose State University** - San Jose, CA

## Work History

**Java Developer**                                        06/2020 to Current
**HCA Health Care** – San Jose, CA

- Developed application using **spring framework** that leverages model view layer architecture, also configured Dependency Injection.
- Used **Hibernate ORM tools** which automate mapping between **SQL databases** and objects in **Java**.
- Developing application using Spring core module and POJO's using **Eclipse** and worked on Messaging service.
- Developed user interface using **JSP, JSP Tag libraries JSTL, HTML, CSS, JavaScript** to simplify complexities of application.

- Used **JMS** for asynchronous exchange of critical business data and events among **J2EE** components and legacy system.
- Designed and developed **REST-full** style Web Service layer and **WSLD.**
- Developed **SQL, PL/SQL**, stored procedures along with **Shell Scripting**- database application scripts.
- Developed **XML** Schemas - **XSD**, **DTD** for validation of **XML** documents, also used Subversion.
- Worked on **Oracle** and **MySQL**, Created DAO classes which get connection instances with **Spring JDBC,** Configuring **JDBC**connections.
- Implemented **AJAX** functionality using **JQUERY**, **EXT-JS,** JSON and **XML**.
- Proficient in responsive web development using **Bootstrap** and **Media Query.**
- Used **Amazon Web services AWS** to provide a large computing capacity.
- Configuring and deploying Web Applications using **WebLogic**, **JBoss**, **Tomcat** and **Apache**.
- Developed application using **JSF** for front end, **Spring** to manage business layer components.

**Java Developer(Intern)**                                                    01/2018 to 12/2019

**Cigna Health Insurance** – San Jose, CA
- Designed developed and maintained the data layer using **JPA Hibernate.**
- Built component-based user interfaces in web development using **JSF, HTML, XHTML, CSS, JavaScript.**
- Used Web services **SOAP and RESTful** for transmission of large blocks of **XML**.
- Worked on **Oracle PL/SQL** stored procedures for host to mid-tier integration.
- Used **Maven** to build the application and Writing Test Cases for Unit Level Testing using **JUnit** and static analysis testing.
- Used **JSP** and **Servlets** for server-side transactions.
- The Java Message Service **JMS API** is used to allow application components to create, send, receive, and read messages.
- Installed Web Logic Server for handling **HTTP Request/Response.**
- Developed **Controller Servlets** and **Action Servlets** to handle the request and responses.
- Written the **JUNIT** test cases for the functionalities.
- Developed **POJO's,** Data Access Object **DAO** which handles all database operations using Hibernate.
- Monitored the error logs using **Log4J** and fixed the problems.
- Involved in configuring and deploying the builds on **JBoss** Application Server.

**Jr Java Developer**                                                                                                          02/2017 to 11/2017

**Bright Mind Solutions** – Remote

- Involved in various phases of Software Development Life Cycle **SDLC** of Search module, Credit Authenticate Module and Purchase Module.
- Designed UI screens using **JSP, Struts tags HTML**. Used JavaScript for client-side validation.
- Update and reface corporate intranet website with **Bootstrap** framework for a more modern and responsive design.
- Deployed code in **Apache Tomcat** and **Web logic** server.
- Worked closely with **Oracle** database in backend to interconnect with user interfaces using native complex **SQL queries.**
- Developed **Web services** to communicate to other modules using **XML** based **SOAP**.
- Wrote builds and deployment scripts using **ANT** and was also responsible in maintaining them.
- **JUnit** tests were written to test the modules in the application.
- Developed **Struts Action Forms** and **Action Classes** to control the application flow and used **Struts** and **JavaScript Validation framework** to validate the values entered in the forms.
- Used **SVN** for the source code version control.
- Use **Eclipse** as IDE tool to develop the application and **JIRA** for bug and issue tracking and Used **Maven** for building and managing dependencies of the application.
- Set up **Jenkins** server and build jobs to provide continuous automated builds based on polling the Git source control system.

## Affiliations

- Dean's Scholar Recipient at SJSU
- Selected as a Finalist at the Silicon Valley Innovation Challenge

## Activities

**CodePath.ORG**

Mobile App Development Course - **Jan 2020 – May 2020**

- Worked in a team of four to build iOS applications and actively participated in delivering project milestones, improving iOS development skills by hands on project, and got a broader idea of the industry panel sessions.

**Software and Computer Engineering Society**

San Jose State University - **Jan 2016 – Dec 2016**

- Congregated and collaborated with students with interest in the field of software engineering to develop each other's skill set and to learn more about the software industry. Organized and attended information sessions, workshops, and social events.