**HARSHIL PATEL**

**Java Full Stack Developer**

**Location:** MA **| Mobile** (508)-319-1861**‬ | Email:** harshilptl3695@gmail.com

**SUMMARY:**

* Java Full Stack Developer with over 4 years of professional IT experience.
* Expertise in Analysis, Design, Development, Testing, Optimization, and Performance Tuning of Client/Server and web-enabled business applications.
* Proficient in Core Java, J2EE, Spring, Spring Boot, Hibernate, Micro services, JSP, JSF, REST web services, JUnit, TestNG, JavaScript, jQuery, CSS, HTML, Bootstrap, etc.
* Experience in UI design and development using JSP, HTML5, CSS3, JavaScript, Ajax, and jQuery.
* Expert in working with Spring IOC, Spring MVC, Spring JDBC, and Spring AOP.
* Experience in developing and deploying multi-tiered web-based enterprise applications using J2EE technologies like Servlets, JSP, Hibernate, spring, JDBC, JNDI, and Web services (SOAP, WSDL and REST).
* Experience in implementing Java EE design patterns such as MVC, Singleton, Factory, Adapter, Service Locator Session Facade, DAO, DTO, and Business Delegate in the development of applications.
* Proficient in using Eclipse and NetBeans for Java EE development.
* Experience in identifying defects and problems, suggesting and determining the extent of programming required, and performance tuning of applications.
* Experience in using tools like Ant and Maven for build automation.
* Collaborative approach to working with customers and stakeholders throughout the development process, managing expectations, resolving issues, and providing project status.
* Expert in using Version Control Systems like Git and Project Tracking tools like JIRA.
* Proficient in Object-Oriented Analysis and Design (OOAD) based on the Unified Modelling Language (UML) architecture using Rational Rose and Microsoft Visio.
* Proficient in SQL, MySQL Views, Functions, Stored Procedures, and Triggers.
* Strong experience in database design using PL/SQL to write Stored Procedures, Functions, Triggers, and writing complex queries using SQL Server and MySQL.

**SKILLS**

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| --- | --- |
| Languages | Java, J2EE, JavaScript, SQL, Python. |
| Web Technologies | HTML5, CSS3, Bootstrap. |
| Frameworks | Spring MVC, Hibernate, MicroServices, Servlets, JSP, JSF, JQuery, Express, Node.js, React.js, Ajax, Spring IOC, Spring JDBC, Spring AOP |
| Databases | MySQL, PostgreSQL. |
| Tools | GitHub, GIT, Restful Web services, Maven, Docker, AWS, Kubernetes, Terraform, CI/CD: Jenkins. Postman |
| Operating Systems | Windows, macOS, Android. |

**EDUCATION & CERTIFICATION**

**Northeastern University, Boston, MA Jan 2021- Dec 2022**

Master of Science in Information Systems

**AWS Certified Cloud Practitioner (CLF-C01) July 2021- July 2024**

**EXPERIENCE**

**JPMC, MA Sep 2022 - Present**

**Full Stack Developer**

* Demonstrated success in development using Java version control, deployment, and configuration management.
* Developed front-end screens using HTML, CSS, jQuery and JSP technology.
* Design and developed web application using JSF, Spring Web Flow, AJAX technology and front-end UI using JSF, Apache UI components.
* Implemented the Project structure based on Spring MVC pattern using spring boot.
* Developed complex service components for Data Access Layer, DAO classes to interact with backend using Java and Hibernate Framework.
* Worked on Web services using standard Web protocols such as XML, SOAP, and HTTP.
* Responsible for reviewing business user requirements. Participated in meeting the users with Business Analysts.
* Developed Data Access Objects to handle queries using Spring JDBC.
* Prepared and executed test cases for Unit, System and Integration testing using Junit.
* Created multiple number of Micro-services to handle specific feature set usually tied to a module of the application.
* Developed Business Components in core Java. Developed GUIs using HTML, JavaScript and JSP.
* Used GIT repository to push the code and interact with other developers throughout the company.
* Developed Back-end code by understanding and knowledge in Object Oriented concepts like Multithreading, Exception Handling, and Polymorphism.
* In SQL Queries used different joins, sub queries and nested queries to store the information.
* Used Postman for HTTP requests and checked the logs in New Relic.
* Used Git as a version control system, Bit bucket as a repository and worked with Jira.

**Benu Networks, Burlington, MA Jan 2022 - Aug 2022**

**Full Stack Web Application Developer Intern**

* Enhanced UI/UX through peer feedback in React and Redux that led users have seamless experience using portal
* Debugged test automation code in JavaScript using Selenium and Mocha and made necessary updates to test cases
* Added new functionalities to the portal using Node.js and PostgreSQL as per the requirements of the end-users
* Improved the portal's loading times by optimizing the code and reducing network requests using React and Redux middleware.
* Created responsive designs and layouts for the portal, ensuring that it works well on different devices and screen sizes.
* Implemented a notification system that notifies users of new updates and important information using Socket.io and Node.js.
* Conducted user testing sessions to gather feedback and improve the overall user experience of the portal.
* Created detailed documentation and technical specifications to aid in the on boarding of new team members and to ensure code maintainability.

**Finacus Solutions Pvt Ltd, Mumbai, India Jun 2017 – Nov 2020**

**Full Stack Developer**

* Developed and maintained web applications using Java, J2EE, Spring MVC, Express, Node.js, React, HTML5, CSS3, and Bootstrap
* Created and optimized database structures using PostgreSQL, SQL, and PL/SQL
* Built RESTful web services and APIs using Java and Spring
* Collaborated with cross-functional teams to design, develop, test, and deploy applications
* Implemented DevOps practices using tools like GitHub, Git, Docker, AWS, Kubernetes, Terraform, and Jenkins
* Wrote automated tests using JUnit, TestNG, and other testing frameworks
* Troubleshot and debugged issues in applications using tools like Chrome Developer Tools and IntelliJ IDEA
* Provided technical guidance and mentorship to junior developers on the team
* Stayed up-to-date with emerging trends and technologies in web development
* Designed and optimized MySQL databases for web applications, collaborating with team members and performing database administration tasks.
* Conducted code reviews and contributed to the development of coding standards
* Designed and implemented security measures to protect web applications from potential threats
* Ensured the performance, scalability, and maintainability of web applications through optimization and refactoring.

**PROJECTS**

**Mini Twitter Application on AWS (AWS, Docker, Python, React, and MongoDB) [**[**GitHub**](https://github.com/ptlharshil/twte-jwt-DevOps)**]**

* Deployed the micro services on AWS with the purpose of auto-scaling at the scheduled time at the minimum possible cost
* Used JWT for security concerns along with Flask to create and display users and tweets stored in the NoSQL database.

**Research-Pedia (Java/J2EE, Spring MVC, Hibernate, MySQL Workbench) [**[**GitHub**](https://github.com/ptlharshil/Research-pedia)**]**

* Developed a web application to connect students and researchers to collaborate and work on research papers.
* Executed functionalities using annotations in Spring MVC like messaging, searching profiles, and creating posts

**SAH System (Java) [**[**GitHub**](https://github.com/ajinkyabhabad/AED_Project)**]**

* Built a multiparty digital ecosystem application for the people in problem to provide them immediate care
* Implemented frontend using Swing and backend in Java including complex communication between entities

**Rental Bike Database Management System (SQLite) [**[**GitHub**](https://github.com/ptlharshil/Rental_Bike_DBMS)**]**

* Examined data to determine regular customers, the demand and supply of the rental bikes to improve efficiency
* Applied normalization, triggers, views and functions to extract information and visualized using Power

**AI Chat App (MongoDB, Express.js, React, Node.js, OpenAI) [**[**GitHub**](https://github.com/ptlharshil/RealAssist.AI-OpenAI-Chat-App)**]**

* Created an AI powered chat application by integrating OpenAI API for answering any kind of questions
* Programmed the application to perform CRUD operations and can persist multiple unique chats

**Pinned-Travel Reviews Web Application (MongoDB, Express.js, React, Node.js) [**[**GitHub**](https://github.com/ptlharshil/Pinned-Travel_Reviews_Web_App)**]**

* Designed a web application to assist the tourists/travellers to find ideal locations for their vacation
* Incorporated interactive map using map box API to create and save review which results in quick navigation.