

Vishal Madhav

Software Developer

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Objective

Highly motivated and detail-oriented Java Developer with a strong foundation in Java programming, object-oriented design, and database management. Skilled in developing and maintaining applications using Java, Spring Boot, and Hibernate. Seeking to leverage my technical skills and passion for software development in a dynamic and growth-oriented environment.

Summary

- Experience in **HTML5**, **CSS3**, **JavaScript**, **TypeScript**, and web frameworks like **Angular** and **React**.
 - Proficient in **Java/J2EE** technologies such as **Servlets**, and **JDBC**, as well as **Spring Boot** and **Spring MVC**.
 - Skilled in using **ORM frameworks** such as **Hibernate** and **DAO** for mapping Java classes to database tables and Java data types to SQL data types, as well as designing and executing complex queries for efficient data retrieval and manipulation.
 - Hands on experience with version control systems as **Git** and **Bitbucket** to provide common platform for all the developers.
 - Experienced in build tools such as **Maven** and **Gradle**.
 - Skilled in **Java** and **Python** programming languages, which are extensively used for algorithms, data structures, collections, serialization, and web development.
 - Skilled in using various **IDEs** like **Eclipse**, **IntelliJ**, **PyCharm**, **WebStorm** for convenient coding purposes.
 - Certified as an **AWS** Cloud Practitioner who knows technologies such as **EC2**, **S3**, **RDS**, and more.
 - Well-versed in **SDLC**, **Waterfall**, and **Agile** methodologies and utilize **UML** and **Rational Rose** for modeling and planning.
 - Proficient in using various databases **Oracle**, **SQL Server**, and **MySQL**.
 - Familiar with **Windows** and **Linux** platforms.
 - Knowledgeable in project management tools like the Atlassian product **Jira** for daily stand-up scrum calls.
 - Excellent interpersonal, analytical, problem-solving abilities and communication skills.
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Technical Skills

Web technologies	HTML5, CSS3, JavaScript(+ES6), TypeScript, Ajax, jQuery, Angular, React, Node.js, JSON, Bootstrap, Tailwind
Java/J2EE Technologies	Servlets, JDBC, JFC/Swing, AWT, Applets, Multi-threading, Java Networking, Spring Boot, Spring MVC
ORM Frameworks	Hibernate, DAO (Data Access Object)
Web Services	SOAP, REST
Database	Oracle 8i/9i/10g/11g, SQL Server 2008, MySQL
IDEs	Eclipse, IntelliJ, PyCharm, WebStorm
Programming Languages	Java, Python
Application/Web Servers	Oracle/BEA, Tomcat
AWS Skills	EC2, S3, RDS, EBS, AMI, ELB, CLI, SNS, RDS, VPN, NAT, GIT, DNS, Route53, DBA, DynamoDB.
Methodologies	SDLC, Waterfall model, Agile Model
Modeling Tools	UML, Rational Rose
Version Control	Git, Bitbucket
Build Tools	Maven, Gradle
Operating Systems	Windows, LINUX
Testing	Junit
Project Management Tools	Jira

Experience Summary

Endeavour Technologies, Chantilly, Virginia
Jr. Software Developer

Sep. 22 – Current

- Collaborated with the project team using Jira to track issues and progress, and was extensively involved in gathering business requirements with product owners,

- **Contributed to the development of modular applications with Spring MVC**, ensuring adaptability to the changing needs of healthcare providers in managing medical records and treatment protocols.
 - **Utilized JDBC and Hibernate for efficient data access and management within healthcare systems**, supporting real-time access to patient information and medical records.
 - **Developed Hibernate DAO classes to facilitate data retrieval and persistence** using Spring Framework manager classes, interacting with an Oracle database to ensure efficient and reliable data management within the healthcare system.
 - **Engaged in version control using Git and participated in code reviews** to adhere to coding standards and best practices, fostering collaboration and growth within the development team.
 - **Designed user-friendly interfaces for healthcare applications using HTML5, CSS3, JavaScript, and frameworks like Angular and React**, focusing on accessibility and simplicity for medical professionals and patients.
 - **Assisted in developing RESTful web services with Spring Boot** to facilitate seamless communication between healthcare systems, aiding in the exchange of critical patient data.
 - **Utilized IntelliJ IDEA to develop and debug code modules** within the healthcare application development environment, ensuring efficient and accurate coding practices.
 - **Actively participated in Agile ceremonies**, collaborating with cross-functional teams to align with project goals and milestones in healthcare software development.
 - **Assisted the testing team in debugging and resolving software defects**, supporting the reliability and performance of healthcare applications, and minimizing disruptions to applications.
 - **Integrated third-party APIs to enhance application functionality**, promoting interoperability with external healthcare systems and services.
 - **Conducted thorough unit testing using JUnit** to maintain code quality and reliability, identifying and addressing potential issues early in the development process.
 - **Demonstrated a proactive approach to learning new Java technologies and best practices**, contributing to continuous improvement and innovation in healthcare software development as a Junior Software Developer.
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Certification

Cloud Practitioner, Amazon Web Services

Education

Bachelor of Science in Computer Science, **Pennsylvania State University - Harrisburg, Middletown, PA**

Projects

CodeFlower, Full-Stack Web Application ([Link](#))

A website that helps teach middle school and high school students the fundamental basics of Python programming, which can help be a learning tool for people who want to pursue Computer Science in the future. Uses Django Python to construct the site and run functionalities (logging, registering a site, configuring settings) that are needed for the application, HTML to create and display the web application, CSS to style the web application, and MySQL to store and retrieve the data objects and its values.

React Weather App, Front-End Web Application ([Link](#))

A simple weather app that gets hourly and daily forecasts, the current temperature in either Fahrenheit or Celsius, and the local time and date of a particular city or town. In addition, the app also has a location icon to get the weather of the current location that the user is currently residing in. Uses React to create the web application, Tailwind CSS to style the web application, OpenWeatherMap API to call and retrieve the weather forecast of a particular location and React Toastify to notify the user that the data of a particular place's weather is either being retrieved, has been successfully retrieved, or resulted in an error while retrieving the data.

Status

U.S Citizen