VAIBHAV SAHU

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A detail-oriented and hardworking professional with 5+ years of work experience in large-scale distributed systems with focus on Java and Relational Databases with strong understanding of Algorithms, OOP and Data Structures.

EDUCATION:

Master of Science in Computer Science   **GPA – 3.7**
Utah State University, Logan, UT   Aug 2018
Bachelor of Engineering in Computer Science   **GPA – 3.5**
Jabalpur Engineering College, Jabalpur India   June 2010

METHODOLOGIES AND TECHNOLOGIES

- **Languages**: Java/J2EE, Python [5+ years]
- **Frameworks**: Spring, Spring Boot, Hibernate, Maven, JSP & Servlets, AngularJS, REST, JDBC, Maven, Junit, JMS
- **Databases**: Oracle 9i (SQL, PL/SQL) [3 years], My-SQL, MongoDB
- **Tools and IDEs**: SVN, JIRA, GitHub, Eclipse, IntelliJ IDEA, Docker, XCode, log4j, ActiveMQ, Jenkins, BitBucket
- **Operating Systems**: Unix/Linux, Solaris, Windows, and Mac
- **Certifications**: Sun Certified Java Programmer, IBM DB2 associate

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PROFESSIONAL EXPERIENCE:

Python Developer, Utah State University
Project: Identifying Criticality in Market Sentiment: A Data Mining Approach   Aug 2016 - May 2018
- Developed tools to scrap Google, and Twitter for Oil, Gold, and S&P related information available on Internet
- Used Kolmogorov Complexity to measure the information
- Used Python and its scientific stack for data acquisition, analysis and visualization of the market sentiment

Java Developer, HCL Technologies, India   Apr 2014- Mar 2015
Project: Banking Service
- Involved in building GUI using JSF, JSP, JavaScript, HTML and CSS
- Used MVC architecture framework like Struts to implement user interfaces. Implemented validations and tiles for web pages using struts validation framework
- Implemented User interface using Struts framework tag library JSP's and validation by using JavaScript
- Actively Involved in EJB component development, deployment for the different application interfaces
- Involved into writing and modifying the database stored procedures, functions and PL/SQL Scripts

Java Developer, Unisys, India   Dec 2010 - Mar 2014
Project: Logistics Management System
- Designed various tables required for the project in Oracle 9i database
- Extensively involved in programming the SQL Queries, Stored Procedures and Triggers in the application
- Modelled databases and created hibernate configuration files for mapping java beans (POJO) into database
- Designed, developed and maintained the data layer using JDBC and performed configuration of java application
- Created a user Interface through HTML and JSP, Standard Tag library
- Developed java beans and used Spring Core to implement the business logic

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ACADEMIC PROJECTS:

Identification of Road Sign Boards Using OpenCV and TensorFlow   Aug 2016 – Dec 2016
- Developed an application that accepts a video as an input and scans for sign boards, and convert it to speech
- Python packages used: OpenCV, PyGame, Pickle, PyLab, TensorFlow
Twitter Sentiment Analysis for Six Major Airlines   Aug 2016 – Dec 2016
- Implemented a Naive Bayes classifier and performed an in-depth analysis of the raw data using classification and regression algorithms using Tableau, Open Refine and python