DIVYANSH SRIVASTAVA

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Summary

Systematic, results-driven, and performance-focused professional offering comprehensive experience in full-stack software engineering & project administration. Effective at designing and initiating innovative action plans to attain set-forth goals, optimize application functionalities and streamline business operations. Committed to providing highest level of service to ensure timely completion of projects without compromising the quality of work and performance.

Employment History

Dell EMC   Hopkinton, Massachusetts
Graduate Intern   January 2017 – June 2017
- Member of a small team developing a RESTful API for Dell EMC products conforming to modernize computer systems management interfaces via redfish and swordfish management standards using OData service.

Infosys Technologies Limited   Hyderabad, India
Senior Systems Engineer   July 2014 – July 2015
- Worked directly with major banking and retails clients from US to enhance the functionalities of their applications
- Reduced application response time from 5 minutes to 30 seconds by making changes in back-end and middle layer
- Successfully performed root cause analysis in critical production projects receiving highest ratings within the team
- Analyzed applications, developed web/ desktop applications, Made performance recommendations

Systems Engineer   February 2012 – June 2014
- Mobility (Android Development): Created native android POCs for internal purpose and clients
- User Interface Design: User interface designs using HTML5, CSS3, JavaScript, AJAX, jQuery
- Java Research/ Development: Collaborate with teams

Education

Northeastern University   Boston, Massachusetts
Master of Science   Graduated: August 2017
Information Systems
Coursework: *Application Engineering Development, Organizational change & IT, Web Development Tools & Methods, Database Management & Database Design, Advances in Data Sciences and Architecture, Advance Database Management Systems, Parallel and Multithreading Programming, Engineering Big-Data Systems*

Jaypee University of Information Technology   Solan, India
Bachelors of Technology   Graduated: May 2012
Computer Science and Engineering
Activities: *Member of Jaypee Youth Technical Club, MSTC Creative Coordinator, Technical fests organizing core team member*

Professional/ Technical Skills

Languages & Technologies Tools : Core Java, J2EE, JSP, Servlets, Spring and Hibernate, HTML 5, JavaScript, JQuery, Web Services, R, Visual Studio 2010/2012/ 2015, NetBeans, Eclipse and IntelliJ, STS, JavaScript, JQuery, Multithreading Programming- Concurrent collections and synchronizers, Thread safety, Linux, Node.js, React
Content Presenter/ Build Tools : SVN, Git, Team Foundation Server, Maven, Gradle
Databases/ DB Tools : SQL Server 2005/2008/2012, MySQL, Oracle 12c, IBM Informix, PostgreSQL, SQLite, Toad Data Modeler, NoSQL using MongoDB, Neo4j, SSAS, SSDT, Cassandra
Big Data/ Advance Database: Hadoop, Map-Reduce programming model, HDFS (Linux- Java), AWS, MongoDB, Cassandra, Apache Flume, Pig, HBase

Academic Projects   Github Link: https://github.com/dsrivastava29

"Flight Data Analysis" (Engineering Big Data Systems) – Designed flight analysis system to predict future delays, Best weeks, months & airlines to travel in future, calculating performances, finding routes and provide shortest route between cities. Utilized Java MapReduce design patterns using AWS, Hadoop. Used Flume for data ingestion, Pig to connect Hadoop ecosystem to Mongo DB, Node.js for Rest API. Neo4j for graphs, Data visualization using Power BI and Tableau
"Hotel Recommendation System" (Advances in Data Sciences and Architecture) – Developed C# MVC application on Recommending hotels to user using Recommendation system and sentiment analysis, R, Microsoft Azure Cloud, Data Visualizations using PowerBI & Tableau
"Student Database Management System and Business Analysis for Schools" (Database Management & Database Design) – Designed full database and analytics for school: Create Data Models, Schema, Perform Data Migrations, Create & process OLAP Cubes for different aspects of school, T-SQL, Visualization and analysis using Power BI
"DavenDiv Social Professional Network" (Web Development Tools & Methods) – Developed a small social Networking Java spring MVC application for making person to person connections, sharing news feed, notifications, messages etc. Created using J2EE using Spring Framework, Hibernate ORM for Persistent classes, MySQL DB, Spring Web Flow, Bootstrap, AJAX, JQuery, JavaScript, Spring Web Flow, Process Web Client requests asynchronously using AJAX, JSON