SAI DUTH GARIMELLA

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EDUCATION

Kent State University, OH   *(Aug' 2016 – Dec' 2017)*
Master's in computer Science (GPA 3.83/4)

Jawaharlal Nehru Technological University, India   *(Aug' 2011 – May' 2015)*
Bachelor of Technology in Computer Science (GPA 3.2/4.0)

RELEVANT COURSEWORK

Data Mining and Machine Learning, Big Data Analytics, Cloud Computing, Software Testing Methodologies, Advanced Computer Architecture, Mobile Application Development Using IOS, Multicore Computing.

TECHNICAL SKILLS

- Programming: C, Java, SQL, PHP, PL/SQL
- Web: HTML, CSS, Java Script, JSP, Servlets, Spring MVC, Hibernate, jQuery, AJAX, Angular JS, REST, Bootstrap, XML, JSON
- Databases: Oracle, MySQL
- Version control: Git, SVN
- Applications: Eclipse, Brackets, SQL developer, TOAD, IntelliJ, NetBeans
- Others: Maven, Log4J, Agile, Apache Tomcat Server, Windows, Linux

WORK EXPERIENCE

Assistant Systems Engineer, Tata Consultancy Services, India   (Jul' 2015 – Jul' 2016)

- Involved in the analysis, design, and development and testing phases of Software Development Lifecycle (SDLC).
- Implemented spring architecture using IOC and Dependency Injection.
- Designed and developed Data Access layer using JDBC, Oracle and Hibernate.
- Developed business modules using Hibernate ORM and Spring Framework technologies with use of SQL and HQL to communicate with Data Base.
- Developed and Consumed RESTful services using Spring framework for internal web services communications.
- Developed Front-end application using JSP, HTML, CSS, and Java Script.
- Developed and deployed Restful Web Services using JAX-RS.
- Involved in trouble-shooting and fixing various issues in production environment.
- Involved in enhancement, maintenance, Bug fixing and Resolving Tickets.
- Used Git for version control.

PROJECTS

Sri Sankaramatam (http://www.srisankaramatam.com)   *(Jun' 2017 - Jul' 2017)*

- Implemented a website that was built using *HTML, CSS, JavaScript* as front end and *PHP, MySQL* as backend to provide information about events performed at temple and to promote it.

Ride Analytics   *(Mar' 2017 - Apr' 2017)*

- An application to perform analytics on New York taxi data using *Scala, Apache Spark and Python.*
- Used *R-trees and Google Distance Matrix API* to find best places around given user location.

Indoor and outdoor air quality monitoring system using IOT   *(Feb' 2017 – Mar' 2017)*

- Using *Arduino microcontroller* with added Air Quality Sensor we have developed a system using *C language* to monitor air quality at home, hospitals, schools etc., and notify the users with a mail.

Application of Data Mining on Car Brands Using Twitter *(Nov' 2017 – Dec' 2017)*
- Implemented an application to perform sentiment analysis on car brands using *python* and twitter data with the application of classification techniques *Naïve Bayes and Decision Tree.*

Underwriting System *(Jul' 2017 – Aug' 2017)*
- A *J2EE* web application that is created using *HTML, CSS, JavaScript, Servlets, XML and Oracle database* to make the process of insurance system online.

Certifications

- IBM CE - Enterprise Application Development (J2EE) using IBM Rational Application Developer.
- IBM DB2 Academic Associate: DB2 Database and Application Fundamentals.

Persona Traits

- Easily adjusted to any kind of working environments.
- Self-motivated.
- Good at organizing things.
- Good communication and reasoning skills.