UTTASARGA R. SINGH

uttasargasingh9067@gmail.com|5133949500| 2971 Deckebach Avenue, Apartment 60, Cincinnati, OH

linkedin.com/in/uttasargasingh|uttasarga9067.github.io|https://github.com/uttasarga9067

Graduate Computer Science Student at University of Cincinnati with more than two years of experience in developing software and web-based applications in Agile and Scrum Methodologies looking for challenging positions to enhance my knowledge in IT.

TECHNICAL SKILLS AND CERTIFICATIONS:

- **Programming languages**: Java, Python, Linux Shell Scripts, Scala, Spark SQL, C/C++, C#, HTML, CSS, Bootstrap CSS, JavaScript, XML, PHP, PL-SQL, SQL, JQuery, .NET.
- **Operating systems**: Red Hat Linux 7, Ubuntu 19.10, Windows 7/8/10, Solaris 11.3/11.4.
- **Applications/Tools**: Oracle E-Business Suite 12.2.5, Oracle WebLogic 10.3.6, Oracle Cloud Application 19B (Fusion Accounting Hub Reporting Cloud Service), Docker, Kubernetes, Kafka, Tableau
- **Database**: Oracle Enterprise Edition-12c, SQL Server, My SQL, MS Sql.
- **Certifications:** Oracle Cloud Infrastructure Architect Associate (1Z0-932).

PROFESSIONAL EXPERIENCE:

Accenture Plc   January 2017 – July 2019
(Started as Associate Software Engineer, promoted as Software Engineer)

- Developed and Implemented enterprise scale solutions with other developers on a collaborative Agile team to deliver code on an ongoing basis for a leading Indian Banking Client
- Responsible for delivering design solutions and developing functionalities for Client's Web Application using JAVA Spring Framework.
- Developed web-based GUI using HTML/CSS, JSP and JavaScript and used Bootstrap CSS to create responsive layouts, navigation and tables and reviewing data models and conducting design and code reviews in order to meet the Delivery Unit Standards.
- Experienced in analyzing database tables SQL Queries and creating configuration files in order to compile and deploy applications and developing SQL Queries to retrieve data from the database using JDBC.
- Automated the task of having details of the total number of processes which are continuously running on the banking application using BASH Shell Scripting.
- Developed and implemented the Application and added functionality using Java/J2EE technologies in order to integrate various goals and benchmarks given by the client.
- Designed HTML interfaces with an understanding of UI design principles and object-oriented program development.
- Reconstructed the application functionality by creating RESTful APIs with a team of developers, which increased the efficiency of the application by 20%.
- Proactively interacted with Clients in order to understand various requirements and responsible in providing efficient technological solutions.

EDUCATION:

Masters of Engineering in Computer Science   August 2019 - April 2020*
University of Cincinnati, Cincinnati, OH   GPA: 3.67/4.00
Bachelor of Technology in Computer Engineering   August 2012 - August 2016
MPSTME, Vile Parle, NMIMS University   GPA: 3.02/4.00

SUMMER INTERNSHIPS:

Also Digital Private Limited   May 2015 - July 2015
Marketing Intern
Reliance Communications   June 2014 - August 2014
Software Engineering Intern

PROJECTS:

Build and Deployed an Application using Docker Containers.

- Created a Platform Independent Python Application and packaged it into a Container with all the necessary libraries and dependencies.
- Deployed the Application into the Production Environment as the container becomes a unit for distribution and testing of Real-time systems.

MapReduce Implementation for processing and generating big data Sets.

- Implemented MapReduce Framework to process huge amounts of data on a Hadoop Cluster.
- Decomposed the Data processing application into Mappers and Reducers in order to increase scalability of the Application just by Configuration changes in any Machine on a Cluster.

Implemented Spark using Scala and SparkSQL for Complex Data Processing and Analysis.

- Developed a Python Application and implemented Spark using Scala and utilized Spark Core, Spark Streaming and SparkSQL API for analyzing TB's of datasets and performing Complex operations on Hadoop Distributed File System.
- Developed a Bash Shell Script which helps the User to automate the task to process and filter large chunks of data sets of the same extension by creating a directory and copying them in their respective directories.

AWARDS:

- Completed Accenture Green Field Training in JAVA with 88% (Ranked 1st in the Financial Services Department).
- Secured 1st Prize in Inter-State Soccer Tournament (Best Center-Back of the Tournament Award).