**SAIKUMAR SUVANAM**

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**EXPERIENCE:**

**Software Engineer Intern, BluAge Corporation, Dallas Jan 2017 - July 2017**

* Modernized and Optimized 20k LOC of the Legacy Application to MVC using Spring Boot(Java).
* Enhanced the features of the Accenture Life Insurance application using AngularJS, HTML and CSS.
* Responsible for setting up continuous integration environment using Jenkins and SonarQube for code quality.

**CS Outreach Instructor, University of Texas at Dallas May 2016 - Aug 2016**

* Taught Java, Data Structures and Programming contest problems for the high school students.

**Teaching/Lab Assistant, University of Texas at Dallas Aug 2016 – Dec 2016**

* Evaluation and grading of assignments, projects for the undergraduate courses.

**Software Engineer, Tata Consultancy Services, Hyderabad Dec 2012 - Aug 2015 Environment:***Java, JSP, Spring MVC, Hibernate, HTML, MySQL, CSS, JQuery, JSON/ XML, Eclipse, SVN***.**

* Worked on various business logic components for the ICICI bank Web application using Spring MVC.
* Developed the credit risk rating System (5 C’s) for measuring the risk involved in the client transactions.
* Implemented RESTful Web services for different scoring models in Loan management module.
* Saved $15000 annually by presenting and implementing a POC for improving the attrition score.

**AWARDS AND ACHIEVEMENTS:**

* Received TCS on the sport award for the remarkable contribution to the team in the project.
* Received SRM Merit based scholarship for outstanding performance in intermediate education.
* Published a paper in International Journal of Engineering Science and Technology ISSN : 0975-5462 Vol. 3.

**EDUCATION:**

**University of Texas at Dallas, Richardson, TX May 2018 (Expected)**

Masters in Computer Science **GPA-3.819/4.0**

Related Coursework**:** Design & Analysis of Algorithms, Operating Systems, Web programming, Database Design, Big Data & Analytics, Natural Language Processing, Machine Learning, Video Analytics, Artificial Intelligence.

**SRM University at Chennai, India. May 2012**

Bachelor of Technology, Electrical and Electronics Engineering **GPA-8.5/10**

**PROJECTS:**

**Big Data-Deng AI: Predicting Disease Spread** (*Hadoop, Apache Spark, Mllib*) **November 2017**

* Developed ML Pipeline model to predict the number of dengue cases based on environmental variables.

**Implementation of Advanced Data Structures and Algorithms** (*Java*) **October 2017**

* Implemented Maximum Reward Collection under given Constraints on a large graph dataset.
* Designed Multi-Dimensional Search on various Products efficiently using various data Structures.
* Implemented 6 long projects and 8 short Projects as a part of Advanced data structures and algorithms course. (<https://github.com/saikumarsuvanam/ImplementationofAdvancedDataStructures>)

**Natural Language Processing** (*Python, Solr, NLTK, Stanford Core NLP*) **September 2017**

* Developed semantic search in Solr with keyword based using deeper NLP techniques.

**Online Tech Store (***Spring, MySQL, JQuery, HTML, CSS, JavaScript*) **Nov 2016**

* Designed and developed a web based application which is used to buy online electronic gadgets. Customers

can sign up to the application, search for the required gadgets and buy any desired products.

**Database Management Systems**(Oracle) **March 2016**

* Developed a database on Tour and Travel Management system and implemented Entity-Relationship models, Tables, and views. Created Triggers and Stored Procedures for different tasks in PL/SQL.

**TECHINICAL SKILLS:**

* Programming Languages : Java, Python, R, Scala, C++, C.
* Web Technologies : HTML5, CSS3, JavaScript, jQuery, AJAX, JSP, RESTful WS.
* Web Application Frameworks : AngularJS, Spring MVC, Hibernate, Jersey.
* Databases & Servers : MySQL, Cassandra, Mongo DB, WebLogic, Apache Tomcat.
* Development & Versioning Tools : Eclipse, Web storm, Maven, Jenkins, Git, SVN, JIRA.
* Big Data, Machine Learning, NLP : Apache Spark, Hadoop, Hive, MLlib, scikit-learn, NLTK, Solr.