

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 Assistant, University of Texas at Dallas Jan 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:

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| 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. |