



# SAVANTH KUMAR BATTIKADI

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## **EDUCATION**

**Master's in Computer Science (Honor's Society)**  
University of Arkansas, Fayetteville, AR, USA

**Expected: Dec 2020**

**Bachelor's in Computer Science & Computer Engineering**  
JNT University, Hyderabad, India

**July 2012 – April 2016**

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## **TECHNICAL SKILLS:**

**Languages** : Python, R, Java, C, C++  
**Front-end** : HTML 5, CSS 3, Bootstrap 4, Java Script, ReactJS  
**Back-end** : JDBC, python ODBC, MySQL, SQL server  
**Bigdata/ML-libraries** : CUDA, Scikit, Hadoop – Map Reduce, Scala Spark, PySpark, Azure, Kafka

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**INTERESTS:** Classification Models, Natural Language Processing, Supply chain, Azure

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## **PROFESSIONAL EXPERIENCE:**

**University of Arkansas, Fayetteville, AR**

**January 2020 – Till Date**

**Teaching Assistant – Database Management Systems**

- Designed Assignments for students which closely resemble real world database schemas.
- Assisting over 100 students with assignments and overseeing their performance in the course.

**University of Arkansas, Fayetteville, AR**

**August 2018 – December 2019**

**Research Assistant – Embedded Systems and System Design lab**

- Designed a cost-effective way of logistic regression by accelerating computation intensive tasks on GPU and achieved over 14 times the performance.

**Defense Research & Development Organization (DRDO), Hyderabad, India. May 2015 – June 2017**

**Fulltime – Advanced System Laboratory (ASL)**

- A DARPA equivalent institute in India. I worked in multiple projects, my work includes conceptualizing and materializing front end for a ReactJs application. Stress testing GCC compiler using C-SMITH tool and evaluating feasibility of its use in guided missile systems. Collaborating with Scientist 'D' in designing a ROS infrastructure for the control system. Assisted with process improvements and participated in multiple progress demos.

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**CERTIFICATIONS:** Microsoft Certified Azure Fundamentals (AZ-900) – Certificate number: H527-5138

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## **MACHINE LEARNING/PERSONAL PROJECTS:**

- **Azure WebApps:** Hosted interactive Portfolio Website on Azure using Static Webapps – HTML/JS/CSS
- **Polarity of a corpus/Tweet:** Finds the sentiment of a person by his tweets, reviews on product-PYTHON
- **Support Vector Machine**– Predicting if a person has diabetes based on his health parameters – PYTHON
- **Auto completing a sentence** – Uses Markov chain, Shannon game and a context dictionary to replicate sentence suggestions feature of Google's search engine - JAVA
- **Web-Scraping.** – Scraping html files for useful information, used ply for performance, which is crucial while building search engines – PYTHON

<https://github.com/bsavanth>