



# SAVANTH KUMAR BATTIKADI

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## EDUCATION

### **Master's in Computer Science**

University of Arkansas, Fayetteville, AR, USA

**Aug 2017 - Dec 2020**

### **Bachelor's in Computer Science & Computer Engineering**

JNT University, Hyderabad, India

**Jul 2012 – Apr 2016**

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## TECHNICAL SKILLS:

<b>Languages</b>	: Python, R, Java, C, C++
<b>Front-end</b>	: HTML 5, CSS 3, Bootstrap 4, Java Script, Angular, ReactJs
<b>Frameworks/Database</b>	: JDBC, MySQL, MS SQL, Spring boot
<b>Distributed/ML</b>	: Hive, PySpark, Kafka, Cosmos DB, Cassandra, PyTorch, Scikit

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

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## PROFESSIONAL EXPERIENCE:

### **University of Arkansas, Fayetteville, AR**

**Jan 2020- Dec 2020**

#### **Teaching Assistant – Database Management Systems**

- Designed Sql, Mysql assignments for students which closely resemble real world database schemas(Insurance company database design, car rental company database design).
- Assisting over 100 students with assignments and overseeing their performance in the course.

### **University of Arkansas, Fayetteville, AR**

**Aug 2018 – Dec 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), India.**

**May 2015 – June 2017**

#### **Co-op & Full-time**

- 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. 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 Webapps – HTML/JS/CSS
- **Large Scale Search Engine:** Designed a deployable search engine, handled scraping web, indexing files, normalizing words, resizing files to fixed length and query processing all from scratch - JAVA
- **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
- **Orbit Report** – Built a searchable dashboard for the satellites in orbit - ANGULAR

<https://github.com/bsavanth>