

SAWANTH MYTHREY BHONAGIRI

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EDUCATION

Texas Tech University, Lubbock, Texas

Master of Science in Computer Science

Aug. 2021 – May 2023

CGPA: 3.65/4.00

Vardhaman College of Engineering, India

Bachelor of Technology in Electronics and Communication

Aug. 2016 – Sept. 2020

CGPA: 7.33/10

SKILLS

Programming Languages: C, Java, Python, Scala

Web Technologies: HTML, CSS, JavaScript, Angular

Databases: MySQL, Snowflake

Tools/Frameworks/Operating Systems: GIT, Jira, Kafka, Hive, Spark, Docker, Bootstrap, Linux, Windows, Mac

EXPERIENCE

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Software Developer

Oct. 2020 – Aug. 2021

Hyderabad, India

- Developed Scala code to meet business requirements and ensured compatibility with Spark. Also, addressed any bugs or issues in existing codebase.
- Worked on code modifications, writing Junit test cases and Quality Assurance Testing.
- Performed operations using GIT, Linux and docker commands.
- Experienced in Kafka for real-time streaming data validation, proficient in SQL-based data querying and analysis using Hive.

Webdizer Software Solutions

Software Engineer

Sept. 2019 – Sept 2020

Hyderabad, India

- Worked with development teams and built our web application using Angular, JavaScript from scratch.
- Performed in a lead role in integrating the web application with 'Ru-Pay' payment gateway.
- Redesigned and Optimized Rest APIs for banking services reducing the service level agreement time by 30 percent.
- Developed a website for generating reports using Angular and viewing reports based on transaction date and report type using Putty and Linux commands.
- Developed end-to-end user interfaces, Managing and querying databases in SQL Server Management Studio (SSMS).

Webdizer Software Solutions

Software Engineer (Intern)

Apr. 2019 – Aug. 2019

Hyderabad, India

- Worked with various development teams improving Angular skill set and had hands on experience on HTML, CSS, JavaScript, and Bootstrap.
- Tested and debugged the code, team collaboration is done using GIT to organize tasks and worked with quality assurance team.

ACADEMIC PROJECTS

Retrieve, Comparing the Profile Data

April 2022

- Compared the profiling data of two algorithms (Quick sort vs Insertion Sort).
- The profiling data includes CPU Utilization, Hard Disk Usage, Virtual memory size, Resident size, and Page faults.
- Extracted the system vs User level information by running one at a time and concurrently running the programs, also compared efficiency.

Spam Text Detection

Oct. 2021 – Dec. 2021

- Aspired to manage the aim of filtering unwanted rise in spam messages as Ham or Spam to the overall accessible data set.
- Information is gathered from Kaggle datasets. Later training phase is carried out in KNN classifier, Naive Bayes and SVM.
- After assessment and testing phase, finally we figured out that execution time of SVM undeniably higher than Naive bayes and concluded that the accuracy of SVM is more than Naive bayes.

ACHIEVEMENTS & INVOLVEMENT

- Awarded competitive scholarship from Texas Tech University and qualified for instate tuition fee.
- Published a Journal Article named "Multiband Log-Periodic Microstrip Antenna for UWB Applications" in IRJET, indexed in Google Scholar.
- Cambridge's Business English Certification.
- Indian Society for Technical Education (ISTE) Member and hosted a State Level Technical event called "TECHNOLITES".