**SAI HARSHAVARDHAN MADDULA**

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**Education:**

University of Missouri-Kansas City GPA: 3.7

Master of Science in CS May-2020

PBR VITS, JNTU-Anantapur, IndiaGPA: 3.5

Bachelor of Science in ECE May 2015

Skills:

Programming Languages: C, C#, Python

Scripting Languages: JavaScript, jQuery, Python

UI: HTML and CSS

Technologies: ASP.NET, Web Forms, MVC, ADO.NET, Pig, Hive, Spark,

Hadoop Database and Tools: SQL, Sitecore, SXA, Visual Studio , TDS, Entity Framework, TFS, Git

AWS: IAM, S3, EC2, Elastic Beanstalk, ECS, CI/CD, Lambda, DynamoDB

**Academic Projects:**

**SMART LEARN: (using Angular 7 + Node.js + Expresso + Mongo DB )**

* Developed this web application is built using Angular7 and built Webservices using NodeJS
* Built many services like google knowledge graphs, Notifications and User Authentication.
* Created a Dashboard and enhanced it by utilising the customized YouTube services.
* The Data Stored in the Mongo DB and hosted in Heroku cloud environment.

**TWEET ANALYSIS IN SPARK:** React.js, Apache Spark, Spark SQL, Twitter API, Python.

* Collected twitter data using Twitter Streaming APIs, Python and performed analysis using Spark SQL on tweets.
* Using Zeppelin and Tableau, I visualized the results. A React.js application was made to display the results in the Heroku environment and deployed in Docker too.

**Professional experience:**

**Tata Consultancy Services: (Feb2016 -Oct 2018)**

Project Name **:** Blackhorse Client

Role **:** Software Engineer

Technology **:** Java, spring MVC, sprint boot, MySQL, Angular .

Description **:** Black Horse was formed as wholly owned subsidiary of Lloyds Banking Group. Customer can apply for finance from the Web application portal which we have developed, and dealer will decide based on their proposal.

**Roles & Responsibilities:**

* Worked on web technologies like Angular7, HTML5, CSS, Bootstrap, JavaScript(jQuery), AJAX, JSON, XML
* Involved in SDLC by requirements gathering, analysis, planning, designing and deployment within the deadlines
* Worked on Web designing using JavaScript by using validation point and executed the unit tests.
* Involved in the Application Troubleshooting, Debugging and Fixing the defects tagged in JIRA bug tracking tool.
* Performed database operations using SQL queries and utilized JDBC to connect to MySQL.

**Amazon Development Center: (Oct 2018-July 2019)**

Project Name :Fulfilment by Amazon (FBA)

Description : Sellers Warehouse Management Application works on the Stowing, Picking and Packing of the items. It contains Inbound and Outbound deliveries. Seller Flex Application manages all these process from the package ordered from the vendor till its delivery starts to customer.

**Roles & Responsibilities:**

* Analysed the requirements and developed Test Automation modules using Data Structures and Algorithms
* Worked in Agile Methodology, involved and worked with scrum team.
* Developed the Web Test-Automation Framework and API Test-Automation Framework.
* Expertise in Core Java concepts, design methodologies.

**Professional & Academic Activities:**

* Gave many virtual training sessions on **JAVA** and **DATA STRUCTRES** for juniors in the project
* “On the Spot Award” for development of E2E Automation Framework.
* Won all India **17th** and state **1st** rank in **NIIT** Aptitude test for Problem solving.