

Hemanth Sai Sagar Jonnala

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PROFILE SUMMARY

- 2+ Years of experience in the IT Industry in diversified fields and strong knowledge in web development, console applications, AEM, ML and JAMS Automation.
- Configured Adobe tagging on web pages for multiple products
- Major key Resource for the Migration of Windows Task Scheduler and Task Scheduler Jobs to JAMS
- Extensive experience on the Client API Integration and automation through JAMS
- Worked on C# console application for numerous functionalities
- Strong experience on PowerShell scripts.
- Worked on complex SQL scripts for DataFeeds and Reports
- Well acquainted with Software Development Life Cycle
- Worked on ML application based on Python to tackle order issues.

Technical Expertise:

Tools	JAMS, Robo3T, Excel, FormIO, Azure, AEM
Database	SQL, Mongo, PostgreSQL, DynamoDB
Programming/Script	PowerShell, JavaScript, Angular, C#, Python
Framework	MVC, ASP.NET Web API, .Net Core

EDUCATION

Degree	Institute/University	Year
Bachelor of Technology(B.Tech.)	Sreyas Institute of Engineering and Technology	2017

EMPLOYMENT HISTORY

Organization	Role	Duration
Brandmuscle India Pvt Ltd	Software Engineer II	02/2018 to Present

PROFESSIONAL EXPERIENCE

Project Name: Channel Fund Management And Location Data Management

Role: Software Engineer II

Duration: Apr 2020 to Present

Environment: Camunda, Rest API, Angular, Mongo, and SQL, Powershell, Gremlin, FormIO

Description: Location Data Management is a powershell based application to generate the hierarchy of the locations/stores based on the client requirements and the data is saved in CosmosDB(Gremlin).

Channel Fund Management is a Multi-Tenant project with over 15+ clients to manage the channel/co-op funds provided by the client to it's stores.

Responsibilities:

- Development of the application and the maintenance of the bugs.
- Developed console application to build reports by comparing the data from SQL and MongoDB.
- Developed custom powershell and SQL scripts for Location Data Management.
- Improved the performance of the overall application by making sure that no individual API call doesn't exceed the said time.
- Applied logging on the application to track and debug the issues.
- Developed a Stand alone application based on Angular to view the Location Management Data in tree structure.
- Developed forms on FormIO and integrated with the application for various functionalities.
- Primary POC to relate the data among multiple products to build a reporting service called Scorecard which showcases the User activity.

Project Name: Adobe Experience Manager

Role: Software Engineer II

Duration: Oct 2019 to Present

Environment: Adobe Experience Manager, Adobe Launch, Adobe Analytics, Adobe Target

Description: Adobe tagging on the web pages to track the user activity and build reports for the clients. This has helped the clients as well as the organization to take various key decisions which enhanced the user experience.

Responsibilities:

- Development of the architecture to track the KPIs based on the products and building the reports around it.
- Developed Adobe tagging on the digital menus product called as Spotmenus to track the user activity based on various events and captured the KPIs. Developed Adobe Datafeed job and JAMS job to pull the daily raw data from the Adobe Analytics and load into the SQL to build the reports for the user.
- Developed the Adobe tagging for the Brandbuilder product and developed code to select the report suite based on the URL of the page.
- Developed Adobe tagging for the other products namely LocationBuilder, CFM and WebPages.

Project Name: Location Builder**Role:** Software Engineer I**Duration:** Dec 2019 to Mar 2020**Environment:** JAMS (Jobs Scheduler), PowerShell Script, SQL, .Net MVC, C#

Description: Dynamic Landing Pages & Microsites used to customize content to specific audiences and affiliations. Which secured top honor for best local search marketing initiative by winning Search engine Land “Landy” award.

Responsibilities:

- Developed and optimized SQL stored procedures to load user and location data provided by client in CSV/TXT format into the Database according to client specifications and Automated through JAMS.
- Implemented the Major Enhancement in Location Builder to trigger the mails using the SMTP host and Automated the Jobs through JAMS.
- Improved system performance by making proactive adjustments and resolving bugs.
- Reviewed project specifications and designed technology solutions that met or exceeded client expectations.
- Gathered and defined customer requirements to develop clear specifications for creating well-organized project plans.
- Developed **Event handlers** for specific events and made API calls to perform certain operations depending on the events.
- Took over the maintenance tasks in LocationBuilder and fixed OnDeck and Backlog tickets using Javascript, JQuery, SQL, MVC, C#.

Project Name: Brand Builder**Role:** Software Engineer I**Duration:** Feb 2018 to Mar 2020**Environment:** JAMS (Jobs Scheduler), PowerShell Script, SQL, C# and SSIS, ASP.NET

Description: Single Multi-Tenant project for over 600 clients, Individual is the new local. It has very rich functionalities that can be customized for each client, it has huge configuration in separate application to configure the site base on their requirements. Ad builder tool used by the client to build the templates for local customer.

Responsibilities:

- Moved all the exe executables to run under JAMS.
- Led JAMS development initiative as Subject Matter Expert and primary point-of-contact for project management staff.
- Migration of Windows Task Scheduler
- Migration of Task Scheduler Jobs to JAMS
- Tested troubleshooting methods, devised innovative solutions, and documented resolutions for inclusion in knowledge base for support team use.
- Researched, designed and implemented scalable applications for information identification, extraction, analysis, retrieval and indexing.

- Major Migration of the various SSIS jobs used for Clients by using a third-party application- JAMS.
- Developed PowerShell scripts in JAMS for client API Integration.
- Created procedures for system monitoring, recovery, backup and optimization.
- Walked clients and internal staff through troubleshooting steps to resolve common software issues.
- Worked closely with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability and performance.
- Investigated new and emerging software applications within TIBCO Software to design, select, implement and use complex flowcharts effectively.
- Worked closely with Product Development team for the Major Server Migrations and point of contact for the team to troubleshoot the issues during Migration.
- Led as Subject Matter Expert for providing the Estimates for the Tickets.
- Developed C# code for Client specific jobs and called the .exe in the Powershell script in JAMS and performed various operations ex: posting file to FTP and triggering mails depending on the Status of the job.
- Optimized various SQL reports for faster and accurate data. Ex: optimized and added checks for accurate data for Order report which used to run for approximately 3min 15secs, after optimization the run time was reduced 2secs.
- Modified SSIS order package for Ace Hardware for Multi-Location shipping.
- Was part of Azure migration team. Performed testing for various services.
- Created a Machine Learning algorithm using Python for the order report which reads the logs and tells whether the action needs to be taken or not.
- Used Microsoft Azure Machine Learning studio and built a model with 97.3% accuracy for our **ChatBot**.

Certifications

- Successfully completed online non-credit **Machine Learning** course authorized by Stanford University and offered through **Coursera**.
- Successfully completed online non-credit **Neural Networks Machine Learning** course authorized by University of Toronto and offered through **Coursera**.
- Successfully completed the Machine Learning and Data Science courses on **Kaggle**.

Objectives

- Interested in Machine Learning and want to build a long-term career in AI with opportunities in career growth.
- To solve problems in a creative and effective manner in a challenging position.

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