HEMALATHA ARAMBAKAM

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**Career Summary:**

Overall **2+ years** of Professional Experience in IT sector. Currently working in Musicmuni Labs Pvt Ltd. Proficiency in **Python** with hands on experience in **Python Programming for Web Applications.**

Professional Summary:

|  |  |  |  |
| --- | --- | --- | --- |
| Company | Major Areas | Designation | Duration |
| Musicmuni Labs Pvt Ltd | Python Automation, Handling Content and Personas | Associate Devop’s Engineer | Feb’2018 - Present |
| Musicmuni Labs Pvt Ltd | Python Automaton | Trainee Engineer | Aug’2017 – Jan’2018 |

**Major Achievements:**

* Automating and Maintaining the Code, which is used for uploading content to App.
* Hands on in Web Technologies like Flask.
* Hands on in Cloud Technologies like s3 and dyndb.
* Doing personas based on the information from sales, customer and marketing Teams.
* Handling content flow to the App.

**Technical Skills:**

* Programming Languages : Python, C
* Cloud Technologies : AWS – S3, Dynamo DB
* Tools : Git, Docker, Jenkins
* Web Technologies : Flask,HTML5, CSS
* Scripts : Unix Shell scripting
* Operating Systems : Mac OS, Linux, Windows
* Database Technologies : SQL, MySQL

**Professional Responsibilities:**

**Automating and Handling the Content**

* Automated the code used for uploading data for dyndb.
* Handled Pitch extraction errors.
* Maintaining the Code, which is used for uploading content to App.
* Handling the errors in Python code that occurs while uploading data to s3.
* Unit testing on code which is used for content upload.
* Helped in doing personas, based on information from sales, customer and marketing Teams.
* Handling content flow to the App.
* Have trained Annotation department on how to write and upload data.
* Automated the code using Python Flask, which can be used by Annotation Team to view and correct the errors.
* Helping content Team with Content intake, prioritizing and moduling the content.
* Helped Test Team on the procedure and aspect to be tested regarding Content.
* Helped Marketing Team, in understanding what is the new content to be marketed.
* Continuously automating the code based on content and customer requirements.

**Academic Qualifications:**

* Bachelor of Technology in Computer Science Engineering from JNTU, Anantapur, with an aggregate of **71%**. (2011 - 2015)
* Intermediate from Sri Balaji Jr. College, Nellore, with an aggregate of **87.1%**. (2009 - 2011)
* Secondary School Certificate from Sri GVS E.M High School, Nellore, with an aggregate of **86.66%**. (2009)

**Academic Projects:**

B. Tech Final Year:-

* *Project Title :* Optimized Multicast Routing Algorithm Based on Tree Structure in *MANETs*.

*Role :* Designer and Developer

Technologies *:* JAVA, SWING

Description : Optimized protocol MAODVBB based on MAODV, which improves robustness of the MAODV protocol. The key idea of MAODVBB is to make full use of GRPH messages that the group leader broadcasts periodically to update shorter tree branches and construct a multicast tree with backup branches. It also reduces the frequency of tree reconstruction. MAODVBB protocol improves the network in heavy load ad hoc networks, which meets QoS requirements for communication in a MANET.

**Co-Curricular & Extra Curricular Activities:**

* Volunteered debugging event in “AROHAN2K14”.
* Participated in “ANDROID WORKSHOP”.
* Presented Seminar on “Eye Movement Based Human Computer Interaction”.
* Attended “Loophole + Ethical Hacking” Workshop Conducted by IIT Kharagpur.

**Other Activities & Hobbies:**

* Playing with my son
* Gardening
* Listening Music
* Making new Friends