

Amith.M.S.

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Contact No.: 8073371698
Gender : Male

Objective

To build a career which makes me better, enhance my knowledge, skills and gives me adequate opportunity to exploit my innate potential.

Education

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|---------|--------------------|-----------------------|-------------------------------------|
| 2014-16 | M.Sc (Electronics) | Bangalore University | 7.81 C.G.P.A (University Topper) |
| 2011-14 | B.Sc (P.M.E) | Seshadripuram College | 76.2% |

Work Experience

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|---|---|
| Work experience Continental Automotive | 1 year Software Developer (Jan 2019 to Till date.) |
| Work experience GoDigit Info Pvt. Ltd | 0.8 year Software Developer (April 2018 to Jan 2019) |
| Work experience PRECIFAB Pvt. Ltd | 1.7 years Software Developer (July 2016 to April 2018) |

Technical Skills

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|--------------------------|---|
| Languages | Python 3.X/2.7/2.6, Java, SQL, C++ and C |
| Web Technologies | HTML, XML and Angular Java Script |
| IDE Tools | Eclipse, Oracle Developer, Spyder and PyCharm |
| Operating Systems | Linux, Windows 2007, XP, 8, 8.1 and 10. |
| DBMS | MySQL, Postgrase and Oracle. |
| Utility Software | MS office |
| Bug Tracking Tool | Jira, Doors and Teams. |
| RPA Tool | Leo Kryon and Workfusion |
| Python Modules | Expert: Numpy, Scipy, Os, Pandas, Selenium, configparser, win32com. |

| | |
|--|---|
| | Intermediate: openpyxl,datetime, Tenserflow, Keras, psycpg2, schedule, csv, flask, xlrd, valf, argparse, Spark. |
| Storage | Bit Bucket, Git HUB, IMS. |
| Simulation Tool | SIL (Continental proprietary simulation tool) |
| Style Guid For Python Code Followed | PEP 8 |

Projects

Automotive Data Analyst

Programming Language: Python

Database: Oracal **Team Size:** 7 **Duration:** Jan 2019 to Till date

Description: Predictive model to be developed for complete Road Description, used for zero Vision Driving assistance, Emergency braking systems and Automated cruise control.

This Project is also designed to ensure the correctness of Algorithms developed for self-driven cars and automotive assistance.

The Project includes Data Analysis Radar Data Processing, Data Analysis, Machin Learning, Data Visulization using python

MODULES USED: numpy, pandas, csv parser, os, Valf, sys, SQL, DASH, ploty, seaborn.

Role: Data Analyst.

Responsibilities:

- To design the Process flow and support the team.
- To analyses and develop Predictive model for different usecases.
- To ensure the correctness of the Algorithms Developed for Automotive.

Vehicle Identification with Machin Learning

Programming Language: Python

Database: Postgres **Team Size:** 2 **Duration:** April 2018 to Jan 2019

Description: This Project is designed to identify the vehicle in the given video and Develop API to Provide the results which includes Type of vehicle, color of vehicle, make and model of the vehicle and number from Number plate of the vehicle

The Objective of the project was to reduce the human interface to check the details provided by customers of their vehicle for insurance.

The Project includes Machine learning, Image Processing and Flask using python

MODULES USED: numpy, scipy, pandas, csv parser, opencv, moviepy, os, psycpg2, selenium, contextlib, request, keres, tensorflow, schedule, flask, Spark.

Role: Software Developer

Responsibilities:

- To design the Process flow and lead the team.
- Building Machine Learning Models.
- Data Analysis.
- To develop API.
- To Train 3 Model to Identify Number Plate, Color of the vehicle and Sides of the vehicle.

Automate The Insurance Issuance with Machine Learning

Programming Language: Python Selenium and Leo Krypton.

Database: Postgres and DB2 **Team Size:** 2 **Duration:** May 2018 to Till date

Description: This Project is designed to issue the policy Using RPA Tool and Python Selenium, for 80+ Processes.

The Objective of the Project is to Reduce the human interface in Issuance of Policy and to issue policies in bulk within a limited time.

MODULES USED: numpy, scipy, pandas, csv parser, opencv, moviepy, os, pycopg2, selenium, contextlib, request, schedule, win32com, Spark, Keras.

Role: Software Developer

Responsibilities:

- To design the Process flow and lead the team
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- To test the Developed Bots and to optimize the same.
- POC for the processes.

Leo Krypton Training

RPA Tool : Leo Krypton.

Database: Postgres and DB2 **Team Size:** 2 **Duration:** Jan 2018 to Mar 2018

Description: Training on Leo Krypton(RPA Tool) to company people affiliated to **PRECIFAB Pvt. Ltd.**, and Provide them the required support until they can handle them self in using the tool.

Role: RPA Tool Trainer

Responsibilities:

- To design the Process flow and lead the team
- To test the Developed Bots and to optimize the same.
- POC for the processes.

Wireless CCTV Project

Programming Language: Python

Database: Oracle **Team Size:** 10 **Duration:** Mar 2017 to Mar 2018

Description: This Project is designed to develop system, to provide security by installing wireless CCTV all over Bangalore University, to display live streaming if any activities and to record the same in lower formats.

The Objective of the project was to enhance security to the Campus, Store the required clips and alert the in charge people, also provide the updates and provide the required functionalities for the Client.

Client: Bangalore University, Bengaluru

MODULES USED: numpy, scipy, pandas, csv parser, opencv, moviepy, os, psycpg2, selenium, contextlib, request, schedule, win32com, Spark.

Role: Junior Developer

Responsibilities:

- Worked with System Architects, Business Analysts for gathering and understanding requirement specification.
- Data collection, Preprocessing, and Analyzing.
- Worked in team to implement Wireless CCTV all over the University, live streaming and recording Systems.

Data Crawling

Programming Language: Python Selenium and Python Request

Database: Postgres and DB2 **Team Size:** 8 **Duration:** July 2016 to May 2018

Description: This Project is designed to Crawling From 300+ websites and to run analytics on the same.

MODULES USED: selenium,pandas,numpy, request, psycpg2, schedule, win32com, Spark, Keras.

Role: Software Developer

Responsibilities:

- To design the Process flow and lead the team.
- Data Preprocessing and Data Analysis.
- To test the Developed Bots and to optimize the same.
- POC for the processes.

Achievements

- Topper of University in PG and UG Levels
- Outstanding employee performance certificate from President of Ascendum Systems Pvt Ltd.
- Regular Team Building events certificates from Ascendum Systems Pvt Ltd.
- Received outstanding employee performance certificate from Symphony Services Pvt Ltd.
- Best employee for Completing the Task within given TAT
- Fast learner award for Mastering new tools, by MFX Pvt Ltd.