

ARUN SAI VEMANA

software engineer

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SKILLS

- Strong Problem Solving and Reverse Engineering
- Agile methodologies
- Hands-on Python Development
- Expertise in web python frameworks(django, flask, etc)
- Good understanding of Web services and REST API
- Understanding of Databases and SQL
- Adaptability
- Collaboration
- Critical Thinking

Paper Published

- "A New Single-Stage Multilevel Type Full-Bridge Converter Applied To Closed Loop Condition" In (IOSR Journal), (Nov. - Dec. 2013), (vol.8, Issue 5).
- "A New Single-Stage Multilevel Type Full-Bridge Converter Applied To Brushless Dc Motor" In IJEETC Journal, (M.S.No: Ijeetc-A0121).

Achievements

- Zonal Winner In Robogyan In Andhra Pradesh In 2011.
- Certificate of Merit in Robotryst-2012 (secured first position).
- Participated in Cyber Security & Malware Analysis (level-1).

EDUCATION

- Pursuing L.L.B (Bachelor of Legislative Law) in Vikrama Simhapuri University
Btech (ECE)
- Geethanjali Institute of Science and Technology Nellore with an aggregate of 63%
YEAR: 2018

Career Objective

Looking forward to an organization that offers challenging, stimulating and learning environment to work in and provide scope for individual development that offers attractive prospects for long term personal and as well as organization growth.

Technologies/Tools

Python x SQL x HTML, CSS x GIT x pycharm x AWS x Java x
c# x Tableau x UNITY Engine x

Packages in Python have knowledge on

Django x Flask x requests x pandas x numpy x
UnitTests x os x bs4 x selenium x
Tkinter/easygui/PyQt x opencv x Fpdf x streamlit x
FastAPI x D3.js x GoogleCharts x

Experience

Having 3 Years of Relevant Experience in IT as a Developer.

And +2 Year as the Freelancer on Various Scripts, webSocket's, Website Development and Game development.

In Freelancer projects build related to Web Scrapping, Automation, Standalone Application using Python packages like Selenium, BeautifulSoup, Requests, Pandas.

Time Line

- Aroha Technologies **NOV 2015 TO JUN 2017**
Projects:- (client:- Verisk Financial | Fintellix)
 - BNPP Bank form Automation
 - CAPITEC BANK PORTAL UPGRADE
- Freelancer **AUG 2017 TO OCT 2019**
Projectes related
 - Data filtering and Data visualization (*pandas, numpy, Tableau*)
 - Automation using selenium
 - desktop GUI Applications (*EasyGUI, Tkinter*)
 - Design of Games (*UNITY Engine*)
- LoginSoft **SEP 2019 TO PRESENT**
Projects:- (client:- King & Union)
 - Avalon

Current Working in LOGINSOFT PRIVATE LIMITED, HYDERABAD

Current Project

Title : Avalon
Client : KING&UNION
Environment : Python, RestAPI, Flask
Team Size : 2

Description

Intermediate

- Narayana Junior College with an aggregate of 78.7%.
- SSC
- Ratnam English Medium with an aggregate of 68.1%

We have to develop connectors, which we gather threat feed, malware, actor related data from different Cyber Security Intelligent Information providers and modified and feed into Avalon product, Avalon Product display the structure in the relationship manner. Along with the Unit Testing and Documentation in confluence pages.

Roles and Responsibilities

- Developing the Scripts to the Required API endpoint.
- Parsing the Response with STIX2.
- Converting to the Avalon structure(JSON).
- Developed the backend codes using python.
- Writing the unit testing files
- Developing the Flask application to develop the centralized connectors Response.
- Writing the documentation for the code in Confluence Pages.

Project 1

Title : CAPITEC BANK PORTAL UPGRADE.
Client : Fintellix
Environment : Python,Oracle,HTML
Team Size : 4

Description

CAPITEC Bank portal upgrade to .DOT net technology and Python with bio metric access on new portal and minimize of database for fast access. Making a new portal supporting for multi size devices. Without changing the core banking database which was in cobal format .

Roles and Responsibilities

- Involved in Customer information module.
- Involved in Customer Complaints information module.
- Developed the Customer Complaints application using c# , which includes and python code for document and automation.
- Developed the backend codes using python.
- Involved in creating page templates required for the project.
- Write the integration for the devices like fingerprints scanners.
- Used the inner join, outer join while writing the complex SQL Queries

Project 2

Title : BNPP Bank form Automation
Client : Fintellix
Environment : Python,SQL,Informatica
Team Size : 4

Description

BNPP Bank form Automation is automation system. Primary objective is to help the management by providing the information about the business to enable data analysis and

submitting forms to clients and banks on a daily/monthly/year basis. The process of running calculation on user data with custom made form logic

Roles and Responsibilities

- Involved in understanding the source and target structure.
- Writing Scripts for modules using Python Script.
- Involved in creating Web Application
- Involved in retrieving the data using SQL and PLSQL
- Developing the code by using Python modules and Libraries like Numpy, Pandas.
- Used the inner join, outer join while writing the complex SQL Queries
- Understanding the requirements and developing the code using Python
- Involved in Customization and Bug Fixing
- Wrote stored procedures and functions as per the requirement.
- Involved in handling exceptions and user defined exceptions.
- Created database objects like tables, views and Indexes..
- Unit testing the developed/enhanced code.
- Interacting with team members and participating team meetings regularly.