SAI KRISHNA GUNDAPANENI
SOFTWARE CONSULTANT

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Summary

- Experienced Python Developer with over 6.3+ years of proficiency in application development and testing.
- Proficient in utilizing Python, AWS Lambda, PostgreSQL, Docker, EC2, ECS, and Postman for developing and testing Rest APIs.
- Recognized for successful product migration from Python 2 to Python 3 version.
- Skilled in debugging, reporting, and solving complex issues using Jira.
- Committed to professional development, staying current with the latest technological trends.

Skills

- **Programming:** Python 3.6+, Python 2, Bash Scripting
- **Cloud:** AWS lambda, EC2, ECS, API Gateway
- **Databases:** PostgreSQL and MemSQL
- **Containerization:** Docker
- **Testing:** Postman, SoapUI
- **Virtualization:** MobaXterm, VMware vSphere, RoyalTS
- **Version Control:** Git, Github, Bitbucket
- **Analysis:** Grafana, Wireshark
- **Project Management:** Jira, Agile, Rally, Confluence

Experience

Capgemini | Software Consultant
Aug 2021 - Present | Bengaluru
Project: Cisco Unity Connection (CUC)

- Worked on Alma Linux Feature, migrating the product from CentOS to Alma Linux.
- Key role in migrating the product from Python 2 (32-bit) to Python 3 (64-bit) version, ensuring a 100% success rate.
- Worked on Expressway Feature, where the responsibility activities involve Triaging the scripts, Recovering Dead Systems, Crashes reporting and debugging. This resulted in a significant improvement, boosting the scripts pass rates from 45% to 80%.
- Experience in utilizing modules like xlib, tng etc for local testing of the systems.
- Skilled in leveraging modules like etree, lxml for the validation of xml files, which are compatible with Python 3.
- Experience in regression testing on ShilfLeft setup using RoyalTs.
- Debugged and Fixed multiple Jira issues related to customers/scripts.
- Excellent communication and collaboration with external/internal teams to resolve issues efficiently.
- Presented Demos to Clients/Product Owners and conducted KT sessions.

Infosys | Technology Analyst
Dec 2017 - Aug 2021 | Bengaluru
Project: Cisco Unified Communications Manager (CUCM)

- Worked on Cloud Certificate Management Feature, the REST APIs are developed using AWS Lambda, Python and Postgresql to perform CRUD operations like GET, POST, DELETE on the certificate data.
- Gained Hands-on experience on EC2, ECS and python packages like boto3 and psycopg2, json, os, http.
- Played a key role in maintaining the certificates static metadata in DB using PostgreSQL, achieving an 80% completion milestone.
- Experience on Manual testing and debugging, using Postman to identify bugs.
- Performed unit testing with 'unittest' in Python, achieving a 90% coverage of all possible test cases.
- Worked on major/minor enhancements and documentation of development changes and testcases for the feature work.
- Coordinated with several internal teams to solve various critical issues before deadline.

Awards

- **WOW Award**
  Capgemini - Dec 2023
- **Outstanding Contribution**
  Capgemini - Dec 2022
- **Outstanding Contribution**
  Capgemini - Mar 2022
- **Player of the Month**
  Infosys - May 2021

Certifications

Python
Infosys | Dec 2017 - May 2018

SQL
Infosys | Dec 2017 - May 2018

Strengths

- Good problem solving skills.
- Excellent verbal and written communication skills.
- Excellent debugging and troubleshooting skills.

Education

Bachelor of Technology
KLUniversity

April 2017
CGPA: 8.96

Board of Intermediate
NRI Junior Kalasala

April 2013
Percentage: 95.3%

Board of Secondary Education
Bhashyam Public School

May 2011
Percentage: 92%

Personal Profile

- **Name:** Sai Krishna Gundapaneni
- **DOB:** 28 Sep 1995
- **Gender:** Female
- **Nationality:** Indian
- **Languages Known:** English, Telugu, Hindi and Tamil