

Sai Krishna Kanumuru

Python Developer || saikris199@gmail.com || (501)-237-6751

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SUMMARY

- Skilled experience in Python with proven expertise in using new tools and technical developments (libraries: matplotlib, NumPy, Pandas, PLSQL dB for database connectivity) to drive improvements throughout the entire software development lifecycle.
- Have knowledge in Machine Learning and Problem-solving techniques, including profound expertise and experience on statistical data analysis such as transforming business requirements into analytical models, designing algorithms, and strategic solutions that scale across massive volumes of data.
- Excellent knowledge in Quality concepts such as control charts, SPC tools, lean Six-Sigma to inspect product performance and quality checks to ensure that everything follows high standards.
- Experienced in Agile Methodologies, Scrum stories and sprints experience in a Python based environment, along with data analytics, data wrangling and Excel data extracts.

TECHNICAL SKILLS

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|------------------------------|---|
| Programming Languages | SQL, Python, C, C++, HTML, CSS. |
| Visualization Tools | MS Excel, MS PowerPoint, Adobe Analytics. |
| Quality Tools | Lean Six-Sigma, Control Charts, Pareto Charts. |
| Project Management | Agile methodology Competencies: Leadership, Detail-oriented, Critical thinker, Communicative, Adaptable. |

Python Developer, Feb 2022-Aug 2023

Staffing Firm: Collabera LLC

Client: Bank of America Corporation

Description: Full stack Python developer, working on Rest APIs, unit test cases, Oracle DB.

Responsibilities:

- Involved in analysis, specification, design, and implementation and testing phases of Software Development Life Cycle (SDLC) and used agile methodology for developing applications.
- Built database model, Views and APIs using Python for interactive web-based solutions.
- Placed data into JSON files using Python to test Flask websites. Used Python scripts to update the content in the database and manipulate files.
- Developed a web-based application using Flask framework with python concepts.

- Involved in Python OOD code for quality, logging, monitoring, and debugging code optimization.
- Implemented responsive user interface and standards throughout the development and maintenance of the website.

Python Automation Tester, Oct 2021-Feb 2022

Staffing Firm: TechPro Solutions Inc

Client: Google LLC

Description: Testing on a Hardware product using Jenkins pipeline and setup both Hardware and Software environments.

Responsibilities:

- Writing test plans and creating test cases for the product.
- Work closely with departments within the company to ensure hardware is available for projects and working properly.
- Troubleshooting any errors and streamlining the testing procedures.
- Filing Bugs for developers what is found during testing and provides more information.
- Wrote Python scripts for Jenkins pipeline.

Automation Trainee at Mechatraining LLC, May 2021-Oct 2021

Description: Training in ladder logic programming with Allen Bradley PLCs to integrate machine vision systems into a PC or PLC based system.

Responsibilities:

- Developing and installing machine programs using automation software and custom coding languages.
- Determining machine automation test criteria before the final installation.
- Testing automated systems for efficiency, safety, and reliability.
- Overseeing the successful installation of PLC programs.

Craft Academy at Morehead State University, Jan 2017- Nov 2020

Description: Graduate Assistant / Residence Counsellor) Responsible for safety of 120 high school students and provide advising to 15 Academy residents.

Responsibilities:

- Guide and counsel students in social skills and ensure accountability of students and perform good judgement when responding to crisis situations.
- Designed and supervised wing-mate activities regularly to support social interaction and work one on one with students through therapeutic measures.
- Created and implemented the RC-mentor program with another Graduate Assistant, where RCs and students on their wing meet one-on-one once per semester. The goal of the program is to build personal connections, breakdown barriers between RCs and students and ensure your residential needs are met.

Graduate Assistant (Space Science Center) at Morehead State University, Aug 2016 – Dec 2016

Description: Graduate Research Assistant

Responsibilities:

- Assisted Professors to analyze the spectrum data for CXBN-2 and manipulated the simulation to make everyone understand.
- Assisted the CXBN-2 Software team, I have written the code for Password setup in the Ground Station Software.

Student SENATE at Student Government Association (Morehead State University) Aug 2019 – May 2020

Description: Graduate Student Representative

Responsibilities:

- Team member in public relations and actively developed the campus activities.
- Involved in campus activities and active participant in weekly meetings.

EDUCATION

Morehead State University, Morehead, KY

Master of science in Engineering & Technology Management Nov
2020 Master of Science in Space Systems Engineering May 2019

Audisankara College of Engineering Technology, Gudur, India

Bachelor of Technology in Electronics & Communication Engineering July 2014