

Mayur Odedara

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Summary

Currently a Software Engineer proficient in Python and C++ with 5 years of experience interested in working with like minded people who enjoy challenging themselves with new technical hurdles and finding innovative solutions. Interested in devising better problem solving methods for challenging tasks, and learning new technologies and tools if the need arises.

Experience

Software Engineer

Dec. 2021 – Present

Accenture

Pune, IN

- Implemented data pipelines to collect, clean and process large financial datasets from various sources, ensuring data integrity and reliability
- Refactored Python applications with internal financial APIs to retrieve market data and processed it into multiple financial models increasing performance by 20%
- Worked closely with cross-functional teams, including risk management, operations, and compliance to identify and address business and technical challenges
- Conducted thorough code reviews and implemented testing strategies to maintain code quality and minimize production issues

Software Automation Engineer

Jul. 2018 – Dec. 2021

Cybage Software

Pune, IN

- Developed utility for database verification for Sitefinity CMS which received data from JSON files
- Designed test scripts using Postman for testing content in database via API, User and Organization profiles were tested for validity
- Developed automated test scripts using Selenium which significantly reduced manual workload
- Documented test procedures to ensure repeatability and compliance with standards, reduced production level issues by 40% and increasing site traffic by 35%
- Ensured website functionality, monitored assets and reported website performance for 7 sites
- Planned strategies in accordance with project scope, delivery and release dates improving production deployments and test procedures resulting in Client satisfaction and customer growth by 19%

Technical Skills

Languages: Python, C++, SQL (Postgres)

Frameworks and libraries: pandas, NumPy, Matplotlib, Django, Flask, FastAPI

Developer Tools: Git, Gitlab, Github, Docker, Kubernetes, VS Code, Visual Studio, PyCharm, Eclipse, Microsoft Azure, Godot

Certifications: Microsoft AZ 900 Azure Fundamentals

Projects

TextToSpotify | Python, Spotify WebAPI

- Program for creating Spotify playlist from a text file, submitted as a final project for [CodeInPlace](#)
- Spotify Web API was used for accessing User profile and creating playlist in their respective Spotify accounts

Movie Barcode Generator | Python, OpenCV

- Program for generating a unique movie barcode for a video file
- After running the program we get a timeline of the use of color throughout the film into a single image, OpenCV was used to read the video file and create the barcode image

BencodeToJson | C++

- Designed a robust C++ header only library for converting bencoded (.torrent) files into JSON files
- Raw binary format was converted into structured data using STL

Education

B.E. in Computer Science and Engineering

Pune, IN

AISSMS College of Engineering - Savitribai Phule Pune University

2014 – 2018

Extracurricular

Awards: Winner of 2023 Python Discord CodeJam - [TheDynamicTypists](#)

Hobbies: Reading books, participating in CodeJams and GameJams, playing Chess and gaming