

Mayur Odedara

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Summary

Software developer proficient in C++ and Python, interested in working with likeminded people who enjoy challenging themselves with new technical hurdles and finding innovative solutions. Skilled at picking up new technologies quickly and motivated to learn, grow and excel in software industry

Experience

Software Automation Engineer – July 2018 to present

Cybage Software, Pune

- Developed console applications for verifying the database within the CMS which received data from 3rd party sources (Almost 150k docs were verified)
- Designed test scripts using Postman for testing CMS database via APIs, 3k User and Organization profiles were tested for validity
- Ensured website functionality, monitored assets and reported website performance for 7 sites
- Documented test procedures to ensure replicability and compliance with standards, reduced production level issues by 40% and increasing site traffic by 35%
- 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%
- Corresponded daily with development teams and product stakeholders to achieve business goals

Projects

[BencodeToJson](#) – C++

- Designed a robust C++ header only library for converting bencoded (.torrent) files into JSON files
- Average to large .torrent files can be converted to JSON in less than 2 seconds
- Raw binary format was converted into structured data using STL

[TextToSpotify](#) – Python, Spotify WebAPI

- Program for creating Spotify playlist from a text file, submitted as a final project for [CodeInPlace](#)
- Single largest text file can contain up to 100 tracks which can be added to Spotify playlist
- 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

Skills

- Languages: C++, Python, C#
- Operating systems: Fedora, Ubuntu, Kali, Microsoft Windows
- Tools: Postman, Blender, Visual Studio, VS Code
- Familiar with Git VCS and Github
- Experience working within agile environments including Scrum/Kanban

Education

- Bachelor of Engineering: **Computer Science & Eng.** (First Class) 2014 - 2018
AISSMS College of Engineering, Savitribai Phule Pune University, Pune
- Completed a 5-week introductory online Python programming course based on material from the first half of Stanford's introductory programming course, CS106A

Hobbies: Reading books, playing Chess and Computer games