

Summary

Software developer proficient in Python and C++, 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

Accenture, Pune

Software Engineer – Dec 2021 to Present - Python, C++

- Implemented data pipelines to collect, clean and process large financial datasets from various sources, ensuring data integrity and reliability
- Integrated Python applications with internal financial APIs to retrieve market data and integrated it into different financial models
- 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

Cybage Software, Pune

Software Automation Engineer – July 2018 to Dec 2021 - Python, Selenium, C#, Postman

- Developed console applications for database verification within CMS which received data from 3rd party sources
- Designed scripts using Postman for testing CMS database via APIs
- 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%

Projects

[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

[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

Skills

- Operating systems: Fedora, Ubuntu, Kali, Microsoft Windows, Unix systems
- Tools: Postman, Blender, Visual Studio, VS Code, Github, Git, Jira
- 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 gaming