Tejas Kothari

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PROFILE

Forward-looking software engineer with passion towards implementing challenging projects. I have focused on developing scalable and well-documented code. Experienced at working with a deadline-driven, output-oriented team within budgetary constraints. Able to effectively self-manage during independent project activities, as well as collaborate as part of a productive team.

EMPLOYMENT HISTORY

Jul 2021 — Present · **Software Test Engineer II, Sandvine Technologies** · Bangalore

- Created requirements specifications and software design for a location-based feature boosting product portfolio.
- Implemented a framework supporting filter conditions in python for new product.
- Wrote test strategy for a pcap-based feature and designed, coded its required infrastructure in python.
- Created test APIs and regression test cases covering 100% functionality of the product saving company's cost and resources.

Jan 2021 — Jun 2021 · **Trainee, State Street Corporation** · Hyderabad

- Worked on an internal Python compliance application development providing better control over 3rd party dependencies in .NET Framework.
- Created Excel automations' in VBA, enhancements resulting in improved runtime for audit team by 40%.

EDUCATION

2017 — 2021 · **Bachelor of Technology, Vellore Institute of Technology**

Graduated with 8.2 CGPA in Computer Science.

SKILLS

Python	Selenium Framework
SQL	Data Structures
Git	Pytest
Docker	Bash Scripting

ACHIVEMENTS

Sep 2021 — Oct 2021 · **Hackathon Winner**

- Won Sandvine Bangalore Hackthon's in Radical Innovation category for botnet detection on twitter platform competing with 40+ teams of various skill-sets and experience.

Nov 2021 — Present · **Automation Creation**

- Innovated end to end automation for critical service validation for Government product resulting in reallocation of QA team's productivity towards other tasks.

PROJECTS

Sep 2021 — Present · **Stock coder**

This project polls information from Indian stock market (BSE), parses it in processable form for custom algorithm to generates list of stocks with potential profit.

- It uses selenium framework for fetching information from multiple resources.
- It uses JSON format for quick transfer and processing between modules.
- It uses multiprocessing for optimized execution time.
- It uses logging for better debugging and trailing project flow.

Sept 2020 — Oct 2020 · **Automated Attendance Alert**

This project automates student login in college's student portal and alerts student based on retrieved attendance percentage for subjects of the day.

- It uses selenium framework for fetching information from portal in headless mode.
- It uses requests module to store attendance of each subject till date for processing.