Abhishek Sukhadiya

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Professional Summary

Results-driven software engineer with a strong foundation in Python, AI/ML, and automation testing. Passionate about developing scalable systems and applying machine learning to real-world problems. Looking for an opportunity to contribute to innovative software development projects.

Technical Skills

Programming Languages: Python, Scala, Java, C, JavaScript, SQL
Web Development: HTML, CSS, JavaScript
Automation & Testing: Selenium, PyTest
Tools & Platforms: AWS (S3), GitHub, Jira, Bitbucket, Pycharm, VS Code, Datadog

Education

MS in Computer Science at San Francisco Bay University, Fremont, CA (GPA: 3.73)	**Jan. 2024 – Dec. 2025**
BS in Information Technology at Silver Oak College of Engineering and Technology (GPA: 3.38)	**Jun 2017 – Aug. 2020**

Experience

Vtechys LLC - Software Developer Engineer in Test Intern   **Oct. 2024 – Nov 2024**

Maintained and enhanced with implementing a modular Selenium-based web automation framework for the clients with performance testing on datadog.

Musikaar - Software Engineer   **Jan. 2021 – Dec 2023**

Enhanced and maintain the Client application(Tenable-SecurityCenter), ensuring continuous performance improvements on developing additional modules. Resolved defects and conducted testing across various technologies, including PHP and JavaScript. Managed open issues related to the Python-based SDK (PyTenable) and provided ongoing support with achieving around 60% issue resolved. Utilized the NAVI Python library to automate SDK functionalities, increasing efficiency and reducing manual intervention for performance measurements and improvements tasks. Developed a Python-based web-crawler automation process to streamline data collection and achieved 70% customer's positive-feedback based on the POC level work efficiency. Designed and implemented a modular Selenium-based web automation framework, improving the efficiency of automation testing.

ScriptAllDNA - Software Engineer Intern   **Jul. 2020 – Nov. 2020**

Developed a cross-platform data-sharing service using PyQT (frontend) and Python with MySQL (backend), deployed on Heroku. Contributed to bug fixes in a Scala-based project and ensured security and confidentiality.

NetAnalytics - Software Engineer   **Jul. 2019 – Apr. 2020**

Developed automation scripts for network discovery, scraping data using SNMP, SSH, and Telnet, improving data retrieval efficiency. Integrated networking tools like SNMP-exporter and Prometheus, enhancing network monitoring. Utilized MySQL for data storage, optimizing data management and access speed.

Projects

AI Academic Advisor System / *Personalized Learning and Career Guidance Powered by Machine Learning*   **Jan. 2025 - May. 2025**

Building an AI-driven system utilizing machine learning algorithms to recommend courses and predict academic performance. Designing a scalable data pipeline using AWS and Python, and applying collaborative filtering and regression models for personalized insights.

Web Crawler / *Web based data analyzing system*   **Aug. 2022 - Nov. 2022**

Developed a Python-based web crawler to extract market insights by searching search engines for company and vendor data. Processed real-time data and returned relevant business information across multiple regions.

Awards / Certificates

- Django Framework Training as Python Programming (May 2019 - Jun 2019)
- Certifications in Advanced Android, Java, and iOS (Jun 2018 - Nov 2018)
- **Microsoft Office Specialist** Certification (Nov 2014 - Jan 2015)

Other ACTIVITIES

- Conducted research on data mining algorithms, contributing insights into the future of machine learning models (Jul 2019 – Oct 2019).
- Investigated data compression techniques and their evolution in modern programming (Jul 2019 – Aug 2019).