Somesh Samadder

Aspiring System Design Engineer with an out-of-the-box mindset, and a knack of automation.

Danish Kunj, Bhopal,
somesh3168@gmail.com
+(91) 79749 04373

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EXPERIENCE

Sign In Scheduling (formerly 10to8) — *Full Stack Developer*
JULY 2022 - JUNE2023 🇬🇧

Infosys — *Senior System Engineer*
MAY 2021 - JULY 2022

Dhiyotech Pvt Ltd — *Python Developer*
NOV 2019 - MARCH 2021

Magnet Brains — *Associate*
MARCH 2019 - OCT 2019

State Bank of India — *Customer Assistant*
FEB 2017 - FEB 2019

WORKING KNOWLEDGE

Jenkins(CI & CD), Asana, Jira (Agile Practices), Docker WSL setup, WSL, Stripe API

PROJECTS

- **Engineering Core & Integration** - Feature rollout, API Integration, New theme migration, Code Reviews and documentation (Stackoverflow).
- **VOIP Tech/ Delivery Unit** - Automation APIs & YAML framework maintenance.
- **Python Automation Project SME** - Automation, backup, regression. Jenkins, Shell, Python, GIT
- **Jenkins Job Backup Automation** - Python pexpect, Groovy, Linux
- **Virtual Fitting Room Concept** - POC Script for virtual trial room **OpenCV** and **PIL**. *[file]*
- **WhatsApp Bulk Messages Automation** - Python Script selenium.

PERSONAL PROFILE

Date of Birth : 19/12/1989

Known Languages : English, Hindi, Bengali

Hobby : Running, Audiobooks, *PC Gaming*, Kitchen Gardening

TECHNOLOGY EXPOSURE

🐍 *Python*   ★ ★ ★ ★ ☆

⚛ *React JS*   ★ ★ ★ ☆ ☆

🐧 *Linux*   ★ ★ ★ ☆ ☆

🐳 *Docker*   ★ ★ ☆ ☆ ☆

CSS *CSS*   ★ ★ ★ ☆ ☆

AWARDS

Glory Award *[file]*
Insta Award *[file]*

STRENGTHS

Keen Observer, Independent Quick Learner, Smart Worker, Team Player

AREA OF INTEREST

System Design, Automated Solutions, Network Security, Azure Cloud Tech

TEACHING ONLINE SESSIONS
(USA Batches)

- Basic Python & Java
- Selenium Webdriver Python
- Selenium Webdriver JAVA
- TestNG Framework
- Xpath Basics
- Postman API Testing Basic

EDUCATION

B.E (CSE) 69.69% - Class of 2012

Work Experience Description

[Organizational Projects]

- Full fledged web development of features from core(backend APIs) to integrate to frontend UI, and partially providing second line support for the product all together.
- Rolling out new features (backend API, frontend) in every sprint, along with providing bespoke UI polishing for big clients. (Theme customisation) Also, documenting the process.
- Maintenance of test automation API serving VOIP products including backup, regression and documentation.
- Completed filter dashboard module for a compliance-based web application in Django Python, which follows agile methodology. (Scrum Master, Product Owner, Reviewer, Admin roles).
- Completed the module for creating a GCP function in Python which automates and fetches the details of all resources of a GCP Account and creates / updates the Violation Table.

[Solo Projects]

- [Pro Bono Works] Consulted and created web ends and dashboards for 2 companies SatnamBrothers & Belform, hosted on AWS.
- AWS Lambda Functions in Python using CI/CD functionality (Jenkins - Private Git Repo - automating shell scripts) for balance transfer batches for banking end projects, to change the status of an account using GraphQL Mutation.
- Created a web application with Python Django (also used jQuery, PostgreSQL) portal for online student visa submission, for an educational website, with proper field validations. (Also created the Admin Panel for the same)
- Web Scraping Application in Python using (lxml, bs4, and Selenium) and scrap (more than 100 universities) course details for the same educational website. (using DOM structure & concept of xpath.)
- GCP Cloud Functions in Python to collect the collected university data from PostgreSQL tables in CSV format, and upload to AWS s3 Bucket and update the GCP Cloud DB tuples.
- [Proof of Concepts] - Created Python script for Virtual fitting room concept using Python Libraries (openCV, PIL) - (used Haar Cascade classifier for Face & Torso Detection)
- [Self-Project] – Audio Server with 4 API Endpoints to render data from 3 different model serializers. (Used Django, Rest framework, MongoDB, React JS)
- [Self-Project] - Created an API based web application in Python Django for Covid HelpLine using Python Request Libraries to get JSON response and Python Dictionary Object to showcase/render the filtered information of the city contacts. (also created Script based solution before creating the web-based solution)
- [Self-Project] - Created Python Selenium script for fetching the contact details of students in csv format and sending customized WhatsApp messages in batches of 100. (Created this project to automate a freelance outreach work for 10,000 data consist of Student and Teacher)

[Teaching/Training Modules]

- Python & Java for Testers
- Selenium WebDriver Automation - Python & Java
- Automation Testing with TestNG - Java (Page Object Model), Maven Architecture
- Automation Testing with Cucumber – Java (BDD Approach)
- Reporting with extentReports
- CI/CD integration with Jenkins
- Webhook from GitLab to Jenkins (triggering Build by git Push).