RENADH CHOWDHURY

Software Engineer of 3 years seeking a role in Full Stack Dev/Data Engineering.

♦ New York, NY

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EXPERIENCE

Software Engineer, Automation Red Ventures

March 2019 - Aug 2019

Austin, TX

- Lead the development of automation test framework for TPG
 US website that brings in 10 million monthly unique visitors, generating over \$50 million in profits in 2019-20. Stack:
 JavaScript, Cypress and Selenium Webdriver.
- Write and set up automated scripts in JavaScript on New Relic Synthetics to monitor user flows, critical business transactions and API endpoints across multiple websites with Slack alert notification services for stakeholders, reducing latency by 10%.
- Perform Visual Regression on Applitools Eyes; run web crawler on Screaming Frog to audit and improve onsite SEO.
- Automate event tracking validation using Google Analytics, JavaScript, Cypress and in-house tracking tool.
- Collaborate and communicate directly with other engineers, Directors, PMO & Marketing teams to outline and translate business requirements into software solutions and establish a workflow following an Agile SDLC model.

Software Engineer

Affinity Solutions Inc.

math Aug 2017 - March 2019

New York, NY

- Plan, design, develop a modular and robust full stack automation test suite reducing bugs reported by client by 15%. Stack:
 Python, Selenium WebDriver, XPath, PyTest, requests, HTML, cron.
- Spearhead validation effort for multiple web app redesign projects in a Loyalty Program platform for prominent FI and card provider programs that generates over \$2 million in annual revenue and scale to 10 million cardholders.
- Develop a **Python script** that enabled PMO, QA & BA teams to increase validation and reporting speed by **80**%.
- Collaborate and communicate directly with other engineers, Data, UI/UX, QA, PMO & Client Relations teams following an Agile SDLC model. Mentor and assist software engineering interns.

Junior Software Engineer

HSBC

m Feb 2017 - Aug 2017

Prooklyn, NY

- Provide user requirements analysis and programming support for enhancement of an online banking web application utilizing Java.
- Build a unit test infrastructure for a client application using Java and Selenium.

PROJECTS

www.thebloglog.site

- Developed a full-stack CRUD web app for blogging. Stack: Python, Flask, JavaScript, HTML, CSS and Bootstrap.
- Features: user registration & authentication, user ability to CREATE, READ, UPDATE, DELETE posts, update profile picture, username, email and password, user profile page.
- Designed and implemented SQL Database for users, posts and image files using SQLAlchemy.
- Deployed to Linode Server with Nginx using Gunicorn.

Bank Loan Data Analysis & Visualization

- Read, structure, manipulate and compute
 45,211 bank account data using Pandas'
 DataFrame & Series with marital status, education, job, account balance as key variables.
- Utilize **Matplotlib's PyPlot** to create histograms, bar charts, scatterplots to visualize aggregate results.

FIFA 20 FUTBIN Price Tracker Bot

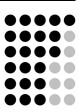
 Tracks player price fluctuation on FUTBIN, screenshots, attaches image, price data to an email sent to user. Utilized Selenium, smtplib, MIMEMultipart, MIMEImage, MIMEText.

Guess The Author Web Scraper

 Parses, scrapes, structures 100 quotes and author info from a 10 paged website supplemented with a game logic. Utilized Python, BeautifulSoup and requests.

SKILLS

Python, Selenium WebDriver Flask, Git, JIRA, SQL BeautifulSoup, requests NumPy, Pandas, Matplotlib Java, JavaScript, Jenkins CSS3, Bootstrap, HTML5



EDUCATION

B.S. in Computer Science
Western Governor's University, UT

May 2020 - December 2021

Data Analysis & Visualization, Python

NYC Data Science Academy, NY

Ctober 2019 - December 2019