

RENADH CHOWDHURY

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EXPERIENCE

Web Automation Engineer

FOX Corp.

📅 Dec 2020 – Present 📍 New York, NY

- Build event-driven **Lambda** functions to improve **CI/CD** process and Slack integration split into control and data planes. **Stack:** TypeScript, Python, AWS Lambda, SNS, SQS, Slack API.
- Develop, maintain and manage internal tool for seamless, quick local development setup and onboarding for any given project. **Stack:** JavaScript, Lando (Docker), Shell.
- Refactor custom **GitHub Actions** written in **TypeScript**.
- Leverage **AWS Serverless Framework** to integrate custom Lambdas into internal tool as mock services for backend development. **Stack:** JavaScript, AWS Lambda, SQS, S3, Serverless Offline, NodeJS, SQS, SNS, Docker Compose.
- Perform **Technical Writing** - code documentation; author and draft project proposals.

Founding Partner, Lead Engineer+PMO

Next Level Sports Management

📅 Feb 2020 – Present 📍 New York, NY

- Meet with stakeholders to discuss website design & function for both **backend & frontend development**.
- Create and design the **website architecture**, convert **wireframes** into **responsive HTML** web pages using **WordPress**, **Elementor** plugin & **JavaScript**.
- Build and implement **Player Database**, **Profile**, **Registration**, **Contact**, **Programs** pages using **WPForms & Pods** plugins serving **60 NLSM Athletes**, affiliated universities & clubs around the globe.

Software Engineer

Red Ventures

📅 Mar 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%**.

Python Developer

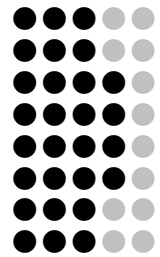
Affinity Solutions Inc.

📅 Aug 2017 – Mar 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.

SKILLS

TypeScript, Python, Flask
AWS Lambda, SQS, SNS
Serverless Offline, Lando
GitHub Actions, Docker
Git, JIRA, Confluence
BeautifulSoup, Selenium
New Relic Synthetics
WordPress, Elementor



PROJECTS

www.nlsmbd.com

- Created, designed and developed the **website architecture**, converted **wireframes** into **responsive HTML** web pages using **WordPress**, **Elementor** plugin & **JavaScript**.
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thebloglog - CRUD web app

- 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**.

EDUCATION

B.S. in Civil Engineering

Texas Tech University, Whitacre College of Engineering, TX

📅 Jan 2015 – March 2016

Data Analysis & Visualization, Python

NYC Data Science Academy, NY

📅 October 2019 – December 2019

- 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.
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