

RENADH CHOWDHURY

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EXPERIENCE

Web Automation Engineer

FOX Corp.

📅 Dec 2020 – Present 📍 Austin, TX

- Set up **GitHub Deployments** and automate CI/CD pipelines using **GitHub Actions**, **AWS** & **YAML**.
- Lead **Lando** integration into **Fox** system to simplify and speed up **local development setup** and **onboarding** for any given project.
- **Rewrite Docker** based custom **GitHub Actions** into **TypeScript** to increase runtime speed by **60%**
- Improve and configure custom **GitHub Action** in **TypeScript** to **publish Docker** containers.
- Leverage **Jest** & **TypeScript** to write robust unit tests for large scale **AWS** projects
- Perform **Technical Writing** for multiple projects mainly **Lando** & **ESLint Migration**.

Founding Partner, Lead Engineer

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.

Automation 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%**.

Software Engineer

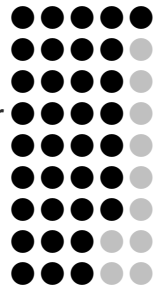
Affinity Solutions Inc.

📅 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

Git, JIRA, Confluence
TypeScript, Python, Flask
AWS Lambda, EC2, S3, ES
GitHub Actions, Lando, Docker
NumPy, Pandas, requests
BeautifulSoup, Selenium
WordPress, Elementor
Java, JavaScript
Node.js, Jest



PROJECTS

www.nlsmbd.com

- Created, designed and developed the **website architecture**, converted **wireframes** into **responsive HTML** web pages using **WordPress**, **Elementor** plugin & **JavaScript**.
- Built and implemented **Player Database**, **Profile**, **Registration**, **Contact**, **Programs** pages using **WPForms** & **Pods** plugins serving **60 NLSM Athletes**, **affiliated universities** & **clubs** around the globe.

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, user-name, 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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