

RENADH CHOWDHURY

📍 Austin, TX

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EXPERIENCE

Senior Software Engineer

VISA

📅 Sept 2022 – Present

📍 Austin, TX

- Develop & maintain internal tool for weekly reporting for patching vulnerabilities for 8 applications across Risk & Authentication platform using **Python & Jenkins**.
- Automate production release smoke tests using **Java, Jenkins, Karate, Groovy**.
- Write and execute **Groovy** scripts to orchestrate CI/CD pipelines on Jenkins controller.

Software Engineer, Tools & Automation

FOX Corp.

📅 Dec 2020 – Sept 2022

📍 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 – Sept 2022

📍 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

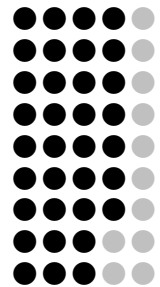
📅 Mar 2019 – Aug 2019

📍 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**.

SKILLS

TypeScript, Python, Java
Groovy, NodeJS, Flask
Lando, Docker, Karate
AWS Lambda, SQS, SNS
GitHub Actions, Jenkins
Git, JIRA, Confluence
BeautifulSoup, Selenium
New Relic, Serverless Offline
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**.
- 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, 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



Data Analysis & Visualization,
Python

NYC Data Science Academy, NY



- 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%**.
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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.**
 - 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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