

### Languages & Tools

**Languages:** JavaScript, Nodejs, React, Python, C++, SQL, Solidity

**Tools:** Heroku, CircleCi, DataGrip, Docker, LocalStack, AWS SAM, CLI, Postman, VS Code, Serverless Framework, GitKraken, Oh-My-Zsh, Slack, Jira, Trello, ELK Stack, Git, Selenium, Headless Chromium, AWS cloud

### Experience

#### **Recall Masters**

*SDET*

**Laguna Hills, CA**

May 2019 – Current

- Designed, built, tested, & deployed AWS software stacks using SNS, API Gateway, Lambda, Lambda Layer, IAM, S3, Cloudformation, Serverless, Selenium, Headless chromium, & Postman.
- Worked with ELK Stack to visualize logs and create dynamic graphs & statistics.
- Used CircleCI to effectively test & deploy code.
- Employed Pytest & Unittest mocks to write automated testing suites.
- Used Localstack, AWS SAM, & Severless to deploy & test software.
- Comprehensive Makefiles to create dockers images, lambda layers, lambda functions, test, clean, fetch dependencies, install project & circleci.
- Employed Selenium & Headless Chromium to dynamically extract & test data.
- Worked with local and remote team members in Russia, Canada, & all over the US in parallel to create & test software.

#### **HOTB Software Solutions**

*Software Quality Assurance Automation Engineer*

**Irvine, CA**

June 2016 – November 2018

- Designed and built Python Automated test suite scripts for both web & mobile applications using Python Requests/UnitTest & Python Selenium.
- Ability to Dockerize all automated test suites to fit neatly within any software pipeline.
- Engineered REST & Json applications with Python & JUnit.
- Mastered software efficient tools such as Trello, Aha, JIRA, SourceTree, GitKraken, Github, Postman, & slack.
- Experience with Waterfall & Agile software development processes.
- Experienced with BDD, TDD, Black/White box testing, Exploratory Testing, Smoke testing, Alpha/Beta testing, Functional testing, Combinatorial testing, Structural testing, & Regression testing.

#### **Blockchain Engineer & Consultant**

*Blockchain Technologies & Algorithms*

**Remote**

November 2013 - May 2019

- Actively engaged in writing & designing full stack Ethereum smart contracts in Solidity & js react.

- Have deployed; through Ganache & custom compile/deploy scripts, to the Ethereum testnets, Rinkeby & Ropsten.
- Intimate Knowledge of blockchain algorithms such as PoW, PoS, DPoS, & other Byzantine fault tolerant systems.
- Have actively engaged in advising individuals in the acquisition and navigation of the cryptocurrency space.
- Have experience writing code for Bitcoin, Ethereum, Stellar, and Linux Hyperledger

### **Education**

#### **Saddleback College**

- Associates of Science – Computer Science 2016

#### **University of California, Irvine**

- Bachelor of Science – Computer Science 2019