

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

Core Dealer Services - Contractor
Software Engineer

Remote
April 2020 - Current

- Implemented 20+ **REST Api** backend endpoints (GET, PUT, DELETE, POST).
- Tested Api backend with **Postman** and command console.
- Integrated **Pusher** for **SOAP** real time data communication from backend to front end.
- Integrated **Firebase** for authentication of users.
- Integrated **Gmail Apis**, **SendGrid**, & **Cron Jobs** to check for incoming mail.
- Created 20+ **Flask_SqlAlchemy db.Model** tables with 1-to-1, 1-to-many, & many-to-many **relationships**.
- Achieved 100% **test coverage** of all db.Models with **Pytest & Unittest**, fully controlled from a central location in conftest.py file.

Recall Masters
SDET

Laguna Hills, CA
May 2019 – June 2020

- 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 **Docker** 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 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 - Contractor

Remote

Blockchain Technologies & Algorithms

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 2017