NATHANIEL LOKEN

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CAREER SUMMARY

Full-stack Engineer :: Software Engineering Intern :: Telecom Associate

- A software engineer with 3 years of experience building and leading application developments using a variety of solutions.

- A fast and reliable engineer with experience in both front end and back end technologies including React, Express, Node, Python, Django, Postgres, and MongoDB

- Superior communication and leadership skills allowed for a functions prototype of an application to be built in as little as 4 months, leveraging both AGILE development techniques and Git VCS with CI/CD integration.

KEY SKILLS

❖ React	❖ Python
❖ JavaScript	❖ C++
❖ HTML	❖ Java
❖ CSS	❖ Scikit-learn/Tensor-flow
❖ Express	❖ AGILE Development
❖ Django	❖ Communication

EXPERIENCE

FULL-STACK ENGINEER, MENTAL HEALTH WELLNESS CENTER; LAS CRUCES, NM — 2020-PRESENT

Recruited to create an online Learning Management System in order to distribute life coaching modules.

Key Accomplishments:

- Created a reactive course creation interface with embedded videos, text, and download links using Javascript, HTML, and Django tags.

- Successfully integrated the Braintree API into the system to buy courses.

Recruited as a software engineering intern to help create a resource management application to be used on all NASA sites for scheduling launches and other important tasks.

Key Accomplishments:

- Created a test suite of both functional and unit tests using the Python unit test library to automate testing and locate bugs quickly and efficiently saving hundreds of man hours.

- Created a CI/CD system using GitLabs runner software and yaml scripts to automate deployment and development updates.

- Created RESTful API endpoint for uploading files to the application with associated validity check using Django views and endpoint pathing functions.

RESEARCH ASSOCIATE, VUPOINT RESEARCH; LAS CRUCES, NM — 2018-2019

Recruited to conduct market research studies on various topics including but not limited to politics, healthcare, home utilities, and the environment.

Key Accomplishments:

- Consistently top performer on most projects by being persuasive and demonstrating excellent communication skills.

- Trusted to conduct projects which required extreme discretion for talking about HIPPA related topics.

EDUCATION

NEW MEXICO STATE UNIVERSITY — BACHELORS OF SCIENCE IN COMPUTER SCIENCE, MAY 2022

Key Accomplishments:

- Created a functional prototype of an application in about 4 months, utilizing many skills like API calls to Google's map, places, and directions API's, front end development using ReactJs and Material UI, and backend development using MongoDB

- Using knowledge of Operating Systems to make a simple shell program from scratch utilizing children and exec commands to create a versatile command set

- Leveraged knowledge of machine learning and quadratic regression to create a program to analyze crypto coin prices to determine future prices.