

RACHEL LEWIS

SOFTWARE ENGINEER

Detail-oriented, persistent software engineer specialized in full stack web development with 7 years experience in business organization. Flexible and thorough with a continual focus on providing accessible data, documentation, and code reusability.

PROFESSIONAL EXPERIENCE

Jun 2013 – Jul 2015

Cimarex Energy Co.

AIR QUALITY COMPLIANCE SPECIALIST

- Provided ad hoc support and authored documentation for 6 project leads on 8 long-term projects and as project lead for 3 biennial projects.
- Organized data structures to optimize data collection and analyzed trends to restructure submission development, saving \$50K in 6 months.
- Established system for easy geospatial coordinate lookup for 8000+ sites and user-friendly mapping in 2 programs, sharing all data with 50+ in 8 departments and gaining praise from VP.
- Took initiative to update filing system, with resulting organizational methodology adopted by another department due to increased budget clarity.

Jun 2013 – Jul 2015

Lewis Oil & Gas

RESEARCH ANALYST

- Developed budget and expenditure plans and secured contracts with primary focus on implementing strategies to leverage statistical company strengths with minimal guidance.
- Secured ~25 contracts and developed rapport with contractors, resulting in as much as \$20/hour difference.
- Researched for up to 10 sites/week including recommendations, doubling number of strong producers in 3 years.

TECHNICAL SKILLS

Python, JavaScript, C, Django, Flask, Node.js, React, Unix/Linux, Git, HTML/CSS, jQuery, Bootstrap, Tailwind, Postgres, MySQL, SQL Server, MongoDB, Redis, Pandas, Heroku, Jest, Mocha, Chai

CONTACT



Tulsa, OK



1 (918) 346-1751



RLewis11769@gmail.com



www.github.com/RLewis11769/



www.linkedin.com/in/rachelarlewis/



www.rlewis11769.github.io/

TECHNICAL PROJECTS

TWILIGHT BARK CHAT FORUM

Designed and implemented custom Django front/back-end including full user authentication, database architecture, and asynchronous web sockets.

FILES MANAGER

Created full back-end file manager for text files and Base64-encoded images, utilizing Redis caching for secure authentication. Partner project.

SMILING SCHOOL

Replicated exact front-end design with all dynamic content loaded from APIs.

EDUCATION

Jan 2021 – Expected Jun 2022

Holberton Computer Science School

Degree of Computer Science and Full-Stack Web Development

Graduated 2009

University of Arkansas

Bachelor of Arts, International Relations