

STEVEN STONAKER

10+ YoE in Program Management of software and large scale projects. Led major software projects at sustainability focused series B startup, reporting directly to CTO. Previously in the private and public offshore oil & gas sectors.

CONTACT

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LOCATION

New Orleans, LA
Willing to relocate

EDUCATION

Louisiana State University
B.S. Petroleum Engineering

SKILLS

leadership, communication, creativity, people management, debugging, cloud, documentation, velocity, practicality, reasoning

TOOLS/ LANGUAGES

react, cloudfront, python microservices, databricks, influxDB, RDS, fastAPI, IoT core, VPCs, site-to-site VPNs, RabbitMQ, MQTT, SOAP, XML, jira, AWS, K8s, docker, hardware protocols

WORK EXPERIENCE

Axiom Cloud

3/2022 - Present

Engineering Manager

- Key deliverables resulted in increased sprint velocity by 30%, reduced monthly data spend by 50%, reduced workflow from 1 hour to 5 minutes through development of full stack critical internal tool serving core product.
- Lead 2 development teams with 4 direct reports.
- Advise C-suite on engineering progress, productivity, and performance.
- Manage Data Science Team delivering time-series anomaly detection algorithms.
- Designed schema and relational tables for customers, customer sites, hardware, and data storage.
- Perform sprint, quarterly, and yearly planning for software development teams.
- Scrutinized areas of inefficiency and observed opportunities for improvement to create rich backlogs and roadmaps to prioritize engineering and development work streams.
- Function as SWE, Scrum Master and Technical Lead to fully support development teams.

U.S. Department of the Interior

9/2015 - 3/2022

Petroleum Engineer, Technical Operations Coordinator

- Key deliverables resulted in reduction of exposure and risk of agency and engineers, increased regulatory oversight of offshore operations, decreased permit review time.
- Team Lead in offshore well operations supporting five field offices with staff of 25 engineers in the Gulf of Mexico region.
- Advisor to Joint Industry Project for cloud-based transient thermal simulation and advanced stress analysis software to evaluate failure scenarios.
- Created Standard Operating Procedures and Bureau Policy Guidance to review new and developing equipment and operations not covered under Federal Code.
- Authored federal regulations in 30 FCR 250 Production Safety Systems Rule, November 2016.
- Reviewed well designs and hydraulic/pneumatic/electrical control systems for worst case failure scenarios.
- Developed software to collect and analyze data from over 13,000 historical well permits across legacy oracle systems, PDFs, and flat files to serve congressional and FOIA requests.
- Used data visualization to develop a risk-based approach for review of new well permits and increased efficiency of staff.

Schlumberger

07/2014 - 08/2015

Data Engineer

- Key deliverables for the following notable projects resulted in:
 - Tiber 3 (BP): prototyped drilling mechanics module leading to new contracts
 - Thunderhorse South (BP): further developed declining field to maximize recovery of natural resources
 - Constellation; f.k.a. Hopkins (Oxy): completed discovery sidetracks from one surface location providing attractive economics in low price environment
- Created learning aid for low vertical deviation well steering, implemented in Middle East Learning Center.
- Deployed field suite of hydraulic pulse tools, hardware, and demodulation software to create well data logs.
- Monitored real time data streams for mechanic physics, signal noise and quality.
- Maintained network, satellite connectivity in remote geographical locations.
- Troubleshooting problems under extreme time and capital spend sensitivity.
- QA/QC well logs and write final reports for delivery to client.