Sebastian Villarreal

✉ sebastianv09@gmail.com   📞 281-630-2410   📍 Katy, TX   in linkedin.com/in/sv886

WORK EXPERIENCE

South Carolina Revenue and Fiscal Affairs Office

Application Developer II   Sept 2016 - Oct 2023

- Served as lead developer on a web application for the SC Department of Social Services that facilitated data capture during on-site reviews of SC childcare service providers generating quality ratings used to promote continuous improvement of childcare statewide.
- Collaborated with development team and client to find fullstack solutions that met client's needs in an efficient and user-friendly way.
- Maintained regular communication with client to quickly address any UX painpoints.
- Managed project tickets/deliverables ensuring client, development team, and management were aligned in understanding of work completed, in progress, and on the horizon.
- Documented development team workflow processes and project-specific setup/domain knowledge keeping project accessibility for current and future developers in mind.

Halliburton — Sperry Drilling Services

MWD Field Engineer   May 2014 - Sept 2015

- Functioned as lead Measurement While Drilling engineer at well site during drilling process.
- Prepared and built equipment/tools according to drilling parameters guaranteeing safe and effective operation down hole.
- Monitored log generation and reliability of real-time and recorded data for informed decision-making that cut drilling time and costs.
- Coordinated with Houston base to ensure on-site tool inventory met demands of each job at each phase of the drilling process.
- Plays Worked: Eagle Ford Shale, Permian Basin, Haynesville Shale (TX).

Continental Laboratories

Mud Logger   Oct 2013 – May 2014

- Ensured efficiency, safety, and cost control by providing client with detailed record of wellbore geology, formation gas, and drilling/mud parameters during drilling and completions.
- Monitored, maintained, and repaired logging equipment throughout drilling process for accurate reads on real-time data.
- Plays Worked: Eagle Ford Shale (TX).

Chesapeake Energy

Associate Field Landman   Jan 2011 - Oct 2012

- Performed mineral and surface title research from patent to present, cursory mineral checks, due diligence title checks and identified and cured title issues.
- Plays Worked: Utica/Marcellus (OH) and Mississippi Lime (OK, KS).

EDUCATION

The Iron Yard - Houston

Backend Web Development (Ruby on Rails)   April 2016

The University of Texas at Austin

B.A. Economics - Spanish Minor   Dec 2009

SKILLS

- Technologies: Windows, Linux, MacOS, MS Office Suite, Pason, Git, Docker, MySQL, PostgreSQL
- Web Dev: Ruby (Rails), JavaScript (NodeJS), Python (Flask), HTML/CSS (Bootstrap), SQL, Bash
- Methodologies: CI/CD, TDD, Agile