JAIDEV GOKHALE

Full-Stack Software Engineer

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Skilled software engineer with demonstrated ability on leading technologies, languages and frameworks used in modern full-stack software development. Combines lessons learned from prior experience in petroleum engineering with modern software engineering practices to drive software development. Maintains a foundation of analytical thinking ability, troubleshooting, and interpersonal skills.

CERTIFICATIONS

CERTIFICATE IN SOFTWARE ENGINEERING   2020

DIGITALCRAFTS

Full-stack software engineering program providing an emphasis on prevalent programming languages, cutting edge frameworks and server-side technologies. JavaScript, Python, MATLAB, VBA, Node.js, React, Express, Redux, PostgreSQL, Bootstrap, Flexbox, HTML, CSS, Debugging, and AWS skills.

EDUCATION

PETROLEUM AND NATURAL GAS ENGINEERING, BACHELOR AND MASTER OF SCIENCE (B.Sc, M.Sc.)   2011, 2014

PENNSYLVANIA STATE UNIVERSITY

SOFTWARE DEVLOPMENT PORTFOLIO

TASKWORK   9/2020

DIGITALCRAFTS

Full stack web application built with Bulma, Node.js, Express and PostgreSQL. The application allows users to login, create projects, add tasks and track the status of a current project using scrum methodologies. I played a key role in the backend development for this project, which involved creating routes and models that provided functional capability to the application.

GLOBAL SNAKE   9/2020

DIGITALCRAFTS

Frontend group project utilizing HTML5, CSS3, JavaScript and Bootstrap. Project works with several third-party APIs including OpenWeather, REST Countries and Pexels. Integrating these APIs, users can discover new countries and gain insightful knowledge. I played a key role implementing functional capability with JavaScript, interacting with third party APIs and improving the UI/UX.

KEFI   8/2020

KEFIGOA

Creating a website for a café in Goa, India centered on increasing online presence and integrating with existing social media marketing efforts. Worked with international project teams to collaborate on design ideas and specifications based on an existing color palette. The website utilizes Bootstrap and custom JavaScript to achieve the look and functionality desired by the client.

CAREER HISTORY

WIRELINE FIELD ENGINEER (SPECIAL SERVICES)   8/2018 – 2/2020

PIONEER ENERGY SERVICES: Houston, TX

Provided specialty logging (measurement) services to U.S. oil and gas production companies.
- Increased revenue for the company's specialty logging division by over 25% by successfully completing jobs.
- Played a key role in knowledge generation and distribution for troubleshooting wireline logging tools.
- Trained junior and senior engineers on the operation and use of modern logging technology.

RESERVOIR ENGINEER   8/2015 – 8/2018

CGT ENERGY, LLC.: Dubai, U.A.E. & Houston, TX

Investigated and assessed hydrocarbon reservoirs (reservoir sizes, asset performance, and reserve volumes).
- Created a start-up portfolio of oil and gas revenue interest assets and improved assessment parameters.
- Actively participated in bidding and purchasing of assets, including high-level administrative procedures.

RESERVOIR ENGINEER   7/2014 – 7/2015

REX ENERGY CORPORATION: State College, PA

Analyzed assets/reservoirs, allocated well placements, and developed completion plans to optimize lease performance.
- Improved completion efficiency of Marcellus and Utica leases, through optimum allocation of proppant concentration.
- Built numerical simulation models to history match production from shale gas wells.