

Brandon Jenkins

Upper Marlboro, MD 20772 | Phone: (202) 669 – 3514 | Email: brandonejenkins@gmail.com
<https://www.linkedin.com/in/brandon-e-jenkins/> | <https://github.com/BrandonEJenkins>
<https://brandonejenkins.github.io/Professional-Portfolio/>

SUMMARY

Result-oriented engineer with experience in project management / execution, software development, and working with large datasets to drive key business decisions. Currently seeking to leverage technical experience and create cutting-edge applications with a dynamic company. Earned Full Stack Web Development Certificate from the University of Texas. Prior career experience includes extensive work as a Petroleum Engineer with a focus on project management, business development, and coordination of large capital projects.

SKILLS

HTML, CSS, Responsive Design, JavaScript, jQuery | MySQL, MongoDB, Express js, React js, Node js | Progressive Web Applications | Static and Dynamic Data Analysis, TIBCO Spotfire and Power BI | Create and Consume REST APIs | Heroku / Git / GitHub Pages | Test Driven Development / Unit Testing

WORK EXPERIENCE

BHP Billiton, Houston, TX

10/2012 – 04/2019

Asset Optimization Engineer, 07/2016 – 04/2019

- Coordinated multi-disciplinary teams to propose, evaluate, and prioritize the development of wells into an executable schedule
- Developed solutions for value enhancing projects to maximize production across Shale assets with Joint Venture partners
- Managed project to stimulate wells suspended during market decline, resulting in reduction of idle capital in core assets

Reservoir Engineer, 07/2014 – 06/2016

- Led data intensive multi-disciplinary project to characterize value of core company asset, develop a physics-based well production forecast methodology, and to improve the accuracy of the estimated impact of production on corporate reserves
- Ensured SEC compliance of reserves accounting and reporting as Resource Reserves Estimator for dry-gas Shale asset
- Led implementation of pressure and fluid-flow analysis modeling techniques to optimize mature field performance, resulting in a data-driven workflow to drive consent / non-consent decisions

Drilling Engineer, 10/2012 – 06/2014

- Led planning and execution of +55 Eagle Ford Shale well drilling projects each with a budget ranging from \$2.5 – 3.5 million
- Monitored operations of deep horizontal oil and gas wells designed to withstand high temperature and high pressure environments
- Developed Spotfire-based well operations analytics query tool for engineering team to simplify planning work and generate visual representations of key data resulting in a reduction in the time spent gathering reports for offset reviews

ExxonMobil, Houston, TX

06/2010 – 09/2012

Drilling Engineer

- Led execution of onshore and offshore drilling rig projects, including well abandonment and work-over operations
- Provided onsite engineering support to drive reduction in hidden downtime due to drilling fluid suspension complications common in extended-lateral horizontal wells

PROJECTS

React.js Rental Property Search App | <https://project3-rental-search-app.herokuapp.com/>

Application utilizes a 3rd-party RESTful API and allows users to quickly search for rental properties based on location. This tool helps renters save time via user-defined customized queries, and bookmark properties that fit user-defined criteria.

- **Role:** Back-End Developer (created Mongo schema and db, set up Express.js routes, selected, tested, and integrated API; created React.js components to map over responses, and display API data)
- **Technologies Used:** HTML, CSS, JS, MongoDB (Mongoose), Express js, React js, Node js, 3rd-party API

Brewery Finder App | <https://brandonejenkins.github.io/Beer-Finder/>

Application empowers users to quickly search for breweries based on user-defined criteria, and arms consumers with accurate regional COVID data to understand the local potential exposure risk when selecting a brewery to visit.

- **Role:** JavaScript and Back-End Developer (selected, tested, and integrated APIs used to create app)
- **Technologies Used:** HTML, CSS, JS, 3rd-party API

EDUCATION

Full Stack Web Development Certificate - University of Texas; Austin, TX | 2020

An intensive 24-week program focusing on full stack technologies; logged over 300 hours of coding time.

Master of Science in Chemical Engineering - Howard University; Washington, DC | 2010

Bachelor of Science in Chemical Engineering - Howard University, Washington, DC | 2007