

# Brandon Jenkins

Full Stack Web Developer

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<https://github.com/BrandonEJenkins>

Result-oriented engineer seeking to leverage technical experience and create cutting-edge applications with a dynamic company. Completed the University of Texas's Coding Boot Camp; created +12 working web apps and 3 collaborative projects, including a capstone project to demonstrate comprehension and application of the technologies, methods, and frameworks utilized throughout the program. Prior career experience includes 10 years of work as a Petroleum Engineer with a focus on project management, business development, and coordination of large capital projects.

## SKILLS SUMMARY

### Browser Based Technologies

- HTML / CSS / Responsive Design
- JavaScript / jQuery

### API Interaction

- API / JSON / AJAX
- Create & Consume RESTful APIs

### Deployment/Command-Line

- Heroku / Git / GitHub Pages

### Databases

- MySQL / MongoDB

### Quality Assurance

- Test Driven Development
- Unit Testing

### Data Analytics & Reporting

- Static & Dynamic Data Analysis
- TIBCO Spotfire & Power BI

### Server-Side Development

- MongoDB/Express.js/React.js/Node.js
- Progressive Web Applications (PWAs)

## PROFESSIONAL EXPERIENCE

### The Coding Boot Camp at UT Austin

03/2020—09/2020

#### Full-Stack Web Dev / Software Engineer Program

- Completed rigorous 24-week program focusing on front and back end technologies; logged over 300 hours of coding time
- Learned and applied full stack development skills using MongoDB, Express.js, React.js, and Node.js
- Created session-based applications via the consumption and utilization of RESTful APIs

### 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 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 & 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
- Coordinated engineering planning and execution of drilling operations in high temperature (+300°F), high pressure (+10,000psi) wells averaging 12,000 ft in vertical depth and 5,000 – 7,000 ft of horizontal / lateral length
- Developed well operations 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

## EDUCATION & AFFILIATIONS

### Bachelor & Master of Science in Chemical Engineering

Howard University, Washington, DC

U.S. Military Academy at West Point

Houston Producers Forum, 12/2013 – 2019

Society of Drilling Engineers, 08/2013 – 2019

Golden Key Honour Society, 05/2008 – Present