ALEX MONTGOMERY

Web Developer / Software Engineer

📍 Houston, TX

📞 832.993.0535

✉ alexhmontgomery@gmail.com

🌐 www.alexhmonty.com

⬤ github.com/alexhmontgomery

Languages & Frameworks

Front End:

- React.js with Redux
- Angular (4)
- JavaScript
- HTML
- CSS
- Responsive Design
- Bootstrap

Back End:

- ASP.NET Core
- C#
- Node.js
- ExpressJS
- SQL Databases
- PostgreSQL
- MongoDB
- RESTful APIs

Version Control:

- Git
- Team Foundation Version Control
- GitHub

References

Available on request

Education

Oct 2017 — **Web Development Course**
The Iron Yard - Houston, TX
16 week coding bootcamp course focused on client and server-side web application development

May 2009 — **Bachelor of Science - Petroleum Engineering**
Texas A&M University - College Station, TX

Portfolio Projects

Gabble *(https://gabble-alexhmonty-2017.herokuapp.com/login)*

Social media site, similar to Twitter, that allows users to sign-up, login, and post messages up to 140 characters in length --- Built using: NodeJS/Express/PostgreSQL

Cardflipper *(https://cardflipper-alexhmonty-2017.herokuapp.com/login)*

Application that allows the user to create, store, and view decks of digital flashcards --- Built using: NodeJS/Express/MongoDB

MusicStorm *(https://alexhmontgomery.github.io/musicstorm/)*

Website that allows the user to search and play music by calling the Soundcloud API

Professional Experience

Nov 2017 - Present — **Software Engineer**
Mi4 Corporation

- Build ASP.NET Core web applications for oil & gas production reporting software
- Create API service using ASP.NET Core to handle authentication and authorization to serve SQL server database information and reports
- Develop client-side viewer from scratch using Angular (4) framework to handle login, logout and complete interface

2015 - 2017 — **Operations Engineer**
Pintail Oil & Gas, LLC

- Responsible for the maintenance and optimization of 120 active onshore wells in multiple fields throughout the Gulf Coast Basin in Texas & Louisiana
- Conducted day-to-day well surveillance and optimized gas lift and rod pump design to meet production and financial targets

2011 - 2015 — **Project Engineer**
Weatherford International (NYSE: WFT)

- Responsible for the design, planning, and execution of MPD (managed pressure drilling) operations domestically and internationally
- Performed detailed rig surveys and generated piping and instrumentation diagrams (P&ID) for implementation of MPD operations with drilling rigs

2009 - 2011 — **District Engineer - Pressure Pumping**
Superior Energy Services (NYSE: SPN)

- Communicated with clients to design slurries, schedule pressure pumping operations, and perform follow up on cement work