JOHN MACK, MBA FULL STACK SOFTWARE ENGINEER

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I am a full stack software engineer who pushes clean code that is well documented and tested. JavaScript and Python are my two current go-to languages and I'm working toward developing expertise in Machine Learning. I can learn your stack quickly and integrate with your team well. I also have my MBA and entrepreneurship experience.

SKILLS

Languages	JavaScript, Python, SQL, HTML, CSS, Go
Front End	React, Redux, Bootstrap, JSON, Chrome Extensions
Back End	NodeJS, ExpressJS, Flask, RESTful APIs
Deployment	Git, AWS, Heroku, Netlify

PROJECTS

Adventure Montana
The Adventure Montana application is a project focused on the development of a Restful API (Node, Express, and Postgres) which powers a React / Redux frontend . The website provides basic functionality to discover outdoor adventures in Central Montana.
Technologies: HTML, CSS, React, RESTful Node/Express API backend, Redux, PostgresQL, JWT Authentication

The Spotify Playground (https://the-spotify-playground.herokuapp.com/)
The Spotify Playground is a fun application allows for the intelligent seeding of more than 35,000,000 songs using Spotify's powerful recommendation engine built using the Flask framework which utilizes the MVC design pattern.
Technologies: HTML, CSS, Bootstrap, JavaScript, Python, jQuery, Flask, OAuth2

EMPLOYMENT

Lavender, *Frontend Engineer Internship*, **Remote**   **June 2020 - Current**
- Translate design files into performant code
- Fix and maintain code for the frontend (HTML, CSS, JavaScript), backend (Go), and Chrome extensions
- Push new features weekly as part of an agile, CI/CD process using Git

Really Montana Photography, *Founder | Owner | Commercial Photographer*, **Great Falls, MT**   **2017 - Current**
- 90% of our marketing was enabled using various CMS platforms like WordPress, Shopify, and Squarespace
- Grew a photography hobby into a profitable $100k business with 4 staff members in our 2nd year
- Launched a highly customized e-commerce site built on Shopify using Rails and Liquid

Great Falls Police Department, *Senior Police Officer | Detective*, **Great Falls, MT**   **2012 - 2017**
- Formalized the mobile device forensics program at the Department
- Launched the Department's first building-wide wifi network
- Developed a County-wide intelligence database and trained more than 150 users on its use

EDUCATION

Springboard   2020
Software Engineering Career Track
800+ hour hands-on curriculum with 1:1 industry expert mentor oversight and completion of 4 portfolio projects covering front-end, back-end, and full stack development. Mastering Javascript, DOM Manipulation, Git, Ajax, jQuery, Python, Flask, SQL, PostgresQL, Node, Express, React, and Redux
• First student to successfully complete this Career Track program out of 300 students

University of Montana   2011
M.B.A. Business Administration

Montana Tech   2009
B.S. Business and Information Technology
Graduated with High Honors