John Mack, MBA

Software Engineer, Seeking Remote

(661) 889-6291
fullstackjohnmack@gmail.com
https://github.com/FullStackJohnMack
https://www.linkedin.com/in/full-stack-john-mack

Experience

Formation	Software Engineering Fellow	Remote	12/21 - Present

- Selected for highly-competitive Fellowship for personalized coaching from top-tier software engineers
- Completed intensive training over several months to master React and theoretical CS topics through independent projects, pair-programming, and small mentor-led groups

Adventure Montana	Founder / Full Stack Engineer	Great Falls, MT	2/21 - Present

- Built a full-stack web application that serves crowdsourced content to 100s of visitors per month
- Implemented Elasticsearch with a Node.js backend to efficiently return (several milliseconds) search results
- Deployed on AWS which resulted in efficiency, cost savings, ease of maintenance, and security improvements
- Designed a UI using the Tailwind CSS framework that resulted in a 2.8% visitor to user conversion rate

North 40 Outfitters	Web Developer	Great Falls, MT	10/20 - 2/21

- Maintained a large Magento 2 e-commerce website that had over 85,000 SKUs
- Solved data compatibility issues by writing scripts to efficiently ETL (saved dozens of man hours each week) product data into a Snowflake warehouse and MySQL DB

Really Montana Photography	Owner / Commercial Photographer	Great Falls, MT	6/17 - Present

- Grew expertise customizing our CMS platforms including WordPress, Shopify (with Rails), and Squarespace

Great Falls Police Department	Police Officer / Detective	Great Falls, MT	1/12 - 6/17

- Completed several tech projects including the cell phone forensics program, building wifi, and an intel database

Projects

Adventure Montana   **2/21 - Present**

Technologies used: HTML, Tailwind CSS, React, Redux, Node, Express, MongoDB, Elasticsearch, Mapbox, AWS
Live website, https://www.montanamadeeasy.com
Github repo is private

Spotify Playground   **March 2020**

Technologies used: HTML, CSS, Bootstrap, JavaScript, Python, jQuery, Flask, OAuth2

- This application creates unique Spotify playlists for music lovers from more than 70,000,000 songs
- This was built using Python and Flask which utilizes the MVC design pattern
- Authorization and authentication are handled via Spotify's OAuth implementation to ensure users' security

Live website, https://the-spotify-playground.herokuapp.com
Github repo, https://github.com/FullStackJohnMack/JohnM-Capstone-One

Education

Springboard	Software Engineering Career Track	Remote	2020

- *I was their first ever SE graduate and helped the team secure $31 million in Series B funding*

University of Montana	M.B.A. (Business Administration)	Missoula, MT	2011
Montana Tech	B.S. Business and Information Technology	Butte, MT	2009

Skills

Languages: JavaScript, Python, SQL, NoSQL, HTML, CSS, PHP, Go
Frameworks: React, Redux, Bootstrap, Tailwind, Node.js, ExpressJS, Flask
Other: Elasticsearch, Git, AWS, Heroku, Chrome extensions, Figma