JAKE MCCAMBLEY
SOFTWARE ENGINEER

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PROFILE
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Software Engineer with a background in mental health counseling, conservation, and management within the nonprofit sector. I've worked across industries to bring people together in order to excel as a team. Now, having discovered a passion for connection, collaboration, and curiosity in the software space, I'm driven to learn new ways to build technology for a better world.

EXPERIENCE
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Apiary
Full Stack Software Engineer - _Winter 2020 - Present_

Produced full scale applications for early stage startups geared towards optimizing performance, SEO, maintainability, and accessibility.

- **DotCot:** An application to connect investors and startups
- **Apiary:** A landing page for Practicum by Yandex's Startup Accelerator Program
- **Prim-U:** A landing page for a South African beauty company

Appalachian Mountain Club
Huts Field Coordinator - _Spring 2019 - Winter 2020_

The Appalachian Mountain Club is a nonprofit conservation organization whose mission is to provide educational opportunities to the public through outdoor recreation.

- Developed and led staff trainings for eighty new employees twice a year
- Performed weekly feedback driven site to ensure consistent mission oriented outcomes.

Spring Lake Ranch
House Advisor and Crew Leader - _Winter 2019 - Spring 2020_

Spring Lake Ranch is a therapeutic community in the Green Mountains of Vermont.

- Guided at risk adults in operating a ranch and building community in a therapeutic setting.

EDUCATION
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Practicum by Yandex October 2021
Full-Stack Web Development
Wake Forest University, May 2015
Psychology | Entrepreneurship & Social Enterprise

PROJECTS
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DotCot - **Live** | **Repository** | **Demo**
React // Node.js // Express // MongoDB // AWS

Lets investors create custom forms to allow startups to apply for venture capital funding

- Lead a core feature team of three with an agile workflow using Trello, Git flow, and regular stand-ups
- Implemented authentication flow using Passport with Google, Facebook, and LinkedIn Strategies
- Built a scalable backend for the application's REST Api using Express.js and MongoDB complete with session persistence, error handling, and unit-testing with Mocha
- Configured scripts for efficient Continuous Integration to ensure a seamless development experience

NewsExplorer - **Live** | **Repository** | **Demo**
React // TypeScript // Node.js // Express // MongoDB // Styled-Components

An application that allows users to search for and save the most relevant news of the day

- Created a performant SPA with React and Styled-Components that utilizes the NewsAPI
- Deployed a server built with Express.js and MongoDB using a Linux VM on Google Cloud
- Built a RESTful API with full CRUD capabilities protected by JWT Authentication and data encryption

Around the U.S. - **Live** | **Repository** | **Demo**
React // Node.js // Express // MongoDB // Google Cloud

A photo sharing social network

- Created an SPA with React on the frontend and Express.js and MongoDB on the backend
- Constructed a RESTful API with full CRUD capabilities protected by JWT Authentication and data encryption
- Served with nginx on Google Cloud using a Linux Virtual Machine

Apiary - **Live** | **Repository** | **Demo**
React // GraphQL // Apollo // Contentful

A landing page for Practicum by Yandex's Apiary program

- Lead a four person team in building a React SPA in an effective agile and asynchronous environment with git flow
- Configured connection between application and Contentful using GraphQL with Apollo for seamless and real-time content management

SKILLS+INTERESTS
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JavaScript | React | TypeScript | MongoDB | Express | Node.js | Next.js | HTML5 | CSS3 | Git & GitHub | GraphQL | NoSql | npm | Unit Testing | OOP | Continuous Integration (CI) | UI UX | Google Cloud | REST APIs | Agile | Algorithms