

JAKE MCCAMBLEY

SOFTWARE ENGINEER

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PROFILE

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

Zencare

Full Stack Software Engineer - Winter 2021 Present

Worked across the stack to build features that help people find therapists and help therapists grow their practices.

- **Therapist Portal:** An integrated platform to help therapists manage their practice.
- **Website:** A nationwide search engine with granular search filters for optimal results.
- **Admin Portal:** An in-house account management platform.
- **API:** A backend layer that connects all of the above.

Apiary

Full Stack Software Engineer - Winter 2020 - Winter 2021

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

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

EDUCATION

Practicum by Yandex October 2021

Full-Stack Web Development

Wake Forest University, May 2015

Psychology | Entrepreneurship & Social Enterprise

PROJECTS

Zencare - Live

React // Node.js // Hapi.js // MariaDB // AWS

Helps therapy seekers find the right therapists and helps therapists grow and manage their practices

- Built a messaging platform to facilitate 450,000+ secure messages between therapists and potential clients.
- Improved therapist visibility to Enable 9,000+ monthly intakes directly Zencare.
- Scaled infrastructure to support a 2000% increase in active users.
- Refactored 3 repositories to TypeScript to enhance code reliability and maintainability.

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 Virtual Machine 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
- Served with nginx on Google Cloud using a Linux Virtual Machine

SKILLS + INTERESTS

JavaScript | React | TypeScript | MongoDB | Express | Node.js
| Next.js | HTML5 | CSS3 | Git & GitHub | GraphQL | NoSql |
Unit Testing | OOP | CI/CD | UI/UX | Google Cloud | REST
APIs | Agile | AI | Redux | Hapi.js | AWS | CloudFlare | A11y