

Jake McCambley

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Summary

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.

Technical Skills

JavaScript | React | TypeScript | MongoDB | Express | Node.js | HTML5 | CSS3 | Next.js | Styled-Components | Git & GitHub | MySQL | GraphQL | NoSQL | npm | Unit Testing | OOP | Figma | Continuous Integration (CI) | UI/UX | Google Cloud | REST APIs | Agile | Algorithms | AI | Hapi.js | Redux | A11y | AWS | Docker | CloudFlare | Bull | Google Search Console | Mixpanel | Stripe | Mapbox | Zapier | Hubspot | Jira | Slack | Microsoft Teams | System Architecture | SEO | API Design | Security Practices | Performance Optimization

Technical Projects

Zencare - Live

React // Node.js // Hapi.js // MySQL // 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 via 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 standups
- 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

The Orange Runner | Live | Repository | Demo

Next.js // Node.js // React // Styled-Components // Contentful

A website hosting a comic about running, life, and what it means to be human

- Implemented Static Site Generation (SSG) and Server Side Rendering (SSR) with Next.js to improve site performance and SEO
- Configured Contentful for a comprehensive content management process

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

Aviary | [Live](#) | [Repository](#) | [Demo](#)

React // **Styled-Components**

A custom soundscape of bird songs found nearby a user's specified location.

- Designed and built an intuitive UI/UX in an agile environment using Figma and styled-components
- Configured Xeno-Canto and eBird APIs to create a personalized audiovisual media experience

Experience

Zencare

Full Stack Software Engineer - Spring 2022 - 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 - Spring 2022

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

Evoke Therapy Programs

Senior Field Instructor - Spring 2015 - Spring 2017

Evoke provides wilderness therapy services for at risk youth in the high desert of Southwest Utah

- Worked under pressure in unfamiliar landscapes to enact complex outcomes
- Fostered a culture of regular feedback sessions small amongst staff teams

Education

TripleTen (Formerly Practicum by Yandex) | Software Engineering Program

2021

Wake Forest University | B.A. Psychology and Entrepreneurship

2015