

David McGrath (he/they)

A software engineer with 13 years of experience in both frontend and backend





I'm seeking a remote job as a senior full-stack software engineer. I write excellent quality React, JavaScript/TypeScript code. I'm also proficient at sundry backend technologies with fluency in the APIs in-between. I can manage projects from planning to production while collaborating with everyone involved. I have a soft preference to work at a woman-led company. Beyond my technical ability, my thoughtful style of collaboration and planning are especially rare. People value my insight, openness, and flexibility.

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Professional Experience




Senior Software Engineer at Ever/Body (spring 2022 – winter 2024, 3 years)

I focused mostly on frontend, owning the internal webapp for scheduling, checking in, and charting appointments for clients. We wrote the app with React in TypeScript and had responsive, interactive, and real-time elements. I made changes in the Python API and GraphQL layers in consideration of other developers' time. I also helped with our public-facing Next.js website.

-  Managed ownership of a mission-critical app, balancing high-level priorities with self-directed improvements
-  Collaborated with a UX designer, other devs, and a project manager to implement new features
-  Documented end-to-end testing for easy collaboration and later reference
Primarily with screenshots and screen recordings as comments on tasks in our project management software. This was great for remote work, asynchronous work, and as documentation for future reference. The screen recordings also ensured diligent testing before release
-  Supported internal users of our software (providers, front of house, and managers) with grace, compassion, and comprehensive documentation






Software Engineer at Talkspace (spring 2021 – winter 2021, 9 months)

I was a full stack TypeScript developer, contributing to the React web apps and corresponding Express APIs. I also sometimes helped with the web side of integrating a web view into mobile apps.

-  Shared knowledge of best practices and alternative strategies, especially around unit testing
-  Attended to the bigger picture of projects while working on the details, raising areas of concern that often revealed crucial issues to resolve before release
-  Upgraded key functionality in our apps, such as voice messages and video calls, to broaden compatibility and simplify code

Software Developer III at Rackspace Technology (summer 2012 – spring 2021, 9 years)




I mostly worked on the Cloud Office Control Panel (CP), which allowed customers to manage hosted email products. There were tons of opportunities to work with different teams on projects or to help with my expertise on their own projects. CP had many layers of old and new technologies including ASP.NET WebForms, MVC, WebAPI, NHibernate, jQuery, Angular, and React.

-  Planned and administered multiple projects, keeping them focused, adaptable, and successful
-  Developed strategies for fitting modern React apps within our legacy site
Standard, organized component layout
Unit testing patterns, focused on thoroughness, readability, and changeability
-  Contributed to a component library implementation of the Rackspace Helix design system
Based on Bootstrap and the react-bootstrap NPM library
-  Built other small NPM libraries to be shared among multiple projects
-  Wrote, defined, and consumed HTTP (REST-ish) APIs with and across teams

Other Experience





Volunteer Board of Directors Member, Transformus, LLC (spring 2022 – present)

As a board member for Transformus, I collectively help make high-level decisions for the group. The board oversees 2 planning committees, which each orchestrate participant-run festivals, Transformus and Ignite!

-  Ensure foundational details from planning committees, such as approving budgets, event insurance, and committee members
-  Decide conduct actions based on reports and recommendations from the conduct committee, with a paramount motivation of community safety
-  Create and manage committees to complete necessary tasks, such as communications, IT, land search, conduct, and planning committees


Volunteer Transformus Leadership Caucus (TLC) Member, Transformus, LLC (winter 2022 – fall 2024, 2 years)

As a TLC member, I helped plan Transformus, a participant-run event in the style of Burning Man. this involved a wild breadth of responsibilities from land negotiations, deciding ticket prices, ordering radios, communicating with the public, liaising with the board, and on-site admin of the event.

-  Led meetings and/or scribe meeting notes
-  Communicated with vendors and volunteer team leads
-  Announced info to the community via social media, newsletter content, and event website
-  Managed incidents on site, spanning a range of restoring internet at gate, overseeing police presence, coordinating some aspects of medical emergencies, deciding response to negative participant conduct, and riding with the porta-potty vendor and pointing out where we want them




Volunteer at Raft Crisis Hotline, NRVCS (winter 2015 – summer 2018, 1 ½ years)

Provided over-the-phone empathy and support to the local community. Sometimes people were in crisis, and other times they simply craved a kind ear. Responsibilities also included coordinating between emergency response and clinicians.

-  Provided 300 hours of support

Education

Some things here might not seem obviously relevant to software engineering. Understanding that cooperation is the most challenging part of software, the human things in this list make perfect sense.

-  Thai massage certification, Synergy Yoga (spring 2019)
-  B.S. in Computer Science, Virginia Tech (spring 2012)
-  Reading
 - The Art of Community, Charles Vogl
 - The Art of Receiving and Giving, Betty Martin & Robyn Dalzen
 - Algorithms to Live By, Brian Christian & Tom Griffiths
 - Nonviolent Communication, Marshal Rosenberg
 - Punished by Rewards, Alfie Kohn
 - How to Win Friends and Influence People, Dale Carnegie
 - Predictably Irrational, Dan Ariely

Languages, Technologies, Concepts

JavaScript / TypeScript

Especially React, Node.js + NPM / yarn, styled-components, Material UI

Also including Apollo GraphQL, Jest, SASS, react-bootstrap, webpack, arcane HTML + CSS + DOM behavior

Git + GitHub

Including the git CLI and some practice with GitHub actions

Python (surface-level usage)

Also including Django, Grephe (GraphQL)

Languages, Technologies, Concepts (once mastered)

C# / .NET

Especially foundational libraries (e.g., LINQ), MVC, Web API, Dapper, WebForms, .NET Core

CI/CD

TeamCity, Jenkins, CircleCI, blue/green deployments

Unit testing, mocking

JavaScript: Babel, Karma + Jasmine, Jest

.NET: NUnit, Moq