David McGrath (he/they)

I'm a senior frontend web developer with expertise in managing projects from planning to production. I work from Blacksburg, Virginia. while my technical skill is impressive, my thoughtful style of collaboration and planning may be of higher value

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Languages, Technologies, Concepts

JavaScript
  especially React + Enzyme, Node.js + NPM + yarn, webpack + Babel, Karma + Jasmine
  also including Jest, SASS, react-bootstrap, arcane HTML + CSS + DOM behavior

C# / .NET
  especially foundational libraries (e.g., LINQ), MVC, Web API, NUnit, Dapper
  also including WebForms, .NET Core

Git, GitHub

TeamCity, Jenkins, CircleCI, CI/CD, blue/green deployments

unit testing, mocking—the foundation of reliable software

Professional Experience

Software Engineer at Talkspace (spring 2021 – present)

I am a full stack JavaScript developer, contributing to the React web apps and corresponding Express APIs. I also sometimes help 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 reveal crucial issues to resolve before release

🎧 grew knowledge of React (e.g., hooks), and other various technologies like yarn, Agora (video chat), Sequelize (node ORM)

✨ 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)

I mostly worked on the Cloud Office Control Panel (CP). this allows customers to buy and manage Rackspace hosted email products. there are tons of opportunities to work with different teams on collaborative projects or to help out with my expertise on their own projects. CP has many layers of old and new technologies.

📄 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 Rackspace Helix design system
based on Bootstrap and the react-bootstrap NPM library
published to an internal NPM registry

📦 built other small NPM libraries to be shared among multiple projects

🔑 wrote, defined, and consumed HTTP APIs with and across teams

❤️ recognized for careful and compassionate listening to teammates' perspectives
always ready to pair, listen, challenge, teach, and learn

Human Things

included with the understanding that cooperation is the most challenging part of software

❤️ volunteered at the Raft Crisis Hotline, NRVCS (winter 2016 - summer 2018)
provided over-the-phone empathy and support to the local community
300 hours logged

💆 Thai Yoga Massage certification (2019)

🙏 Yoga Teacher Training (2019 class completed, certification pending homework)

📚 Reading
Nonviolent Communication, Marshal Rosenburg
Punished by Rewards, Alfie Kohn
How to Win Friends and Influence People, Dale Carnegie
Predictably Irrational, Dan Ariely

Formal Education

🎓 B.S. in Computer Science, Virginia Tech (Spring 2012)