



GCC Website Hackathon

Sept 19-21, 2022

Hey Granite programmers! Want to help make a better website? Maybe make some mobile app(s) too? Come help us develop the next generation of our club services at the Microsoft Global Hackathon 2022.

Part of the hackathon is a Hack-for-Good where participants help nonprofits with their software projects.

Granite Curling Club will get the benefit of this effort to improve our technology. You can read more about [the global hackathon at this flyer on our website.](#)

What are we doing?

Our current website provides many critical services to the club. We want to build on those to add more capabilities for club members. For example, make the web site more mobile friendly, add iOS and Android apps, enable easy to

use ways of recording game scores and seeing league standings.

Our current system is built on Drupal, a community supported website building tool. To get more features and attract more volunteers to help work on the system, we're exploring a new tech stack with the goal of expanding our current capabilities.

New technology stack

The new technology stack we plan to test in the hackathon includes:

- React JS – the most popular JavaScript framework for front end web development
- Wordpress or Drupal – The current system is Drupal 7. Evaluate whether we move to Drupal 9 or Wordpress. We will consider whether using Wordpress would make authoring content easier than through Drupal
- React Native – cross-platform development framework for iOS and Android apps

Hackathon logistics

We plan to meet together on the first day of the hackathon, Sept. 19th, starting at 9:30 am at the curling club. We will also have a way for everyone to attend virtually. On Monday, we'll review the current capabilities and talk about the new ones we'd like to build. We'll discuss the expertise of all the participants and what they would like to work on. We'll figure out what we can accomplish in a week, divide up the tasks, and start hacking!

The rest of the week, we'll work individually or in small groups. The GCC Slack site will be used for collaboration and the code will reside in a GitHub.com repository.

Ready to code?

Perhaps you're already a website developer or perhaps you've always wanted to try your hand at it. We can make use of all your tech skills and get you learning some new tools that can enhance your career.

If you'd like to participate, even if you can't attend all the meetings, please contact us:

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To join the GCC Slack site use [this link](#). You will need some kind of Slack account if you haven't already created one, and then you can associate the GCC Slack site with that account. Similarly, you will need a GitHub.com account to submit code to the repository.