



proarch

HACKATHON

21

We are ProArch



Founded in 2006

300+ clients

350 employees

Agile teams

Cloud-first products and projects



Software
Development



Managed
Services



Technical
Consulting



Data & AI



Security and
compliance



Cloud



Modernization

Spirit of the Hackathon

A message from our CTO



Hello and welcome to our cricket-themed Hackathon.

ProArch are looking for top talent to build awesome digital products and solutions in Microsoft Azure for our growing customer base.

To showcase your skills we have created a simple challenge. This challenge is pitched at a high level in order to give you the flexibility to build code you can be proud of, showcase your skills, demonstrate what good design looks like and really stand out.

Whilst the challenge allows you to put your own stamp on it, please use your time wisely and make sure you deliver a quality result that works.

I am super excited to see what you come up with.

Good luck and thank you for taking part.

Our challenge

For the Hackathon



Back End

Build an API to provide information or insights from the following data set:
https://cricsheet.org/downloads/odis_csv2.zip

Front End

Build a user interface and data visualization for a set of mock data from the data set.

Important!

- Plan for the time you have
- Use this repository as a start, <https://github.com/MurrayFoxcroft/Hackathon2021>, it has the data downloaded to it
- Use your favourite tools and libraries, but must include .Net and React
- You can find more details on the dataset here <https://cricsheet.org/downloads/#experimental>. The file we are using is of the “New format”.
- We are not looking for complete coverage of every data point and entity in the data set, just a good example or two.



What we will be looking for

Key elements we would like to see in the code you build



- Good, clean, quality, readable code
- Implementations of design patterns
- The code to build and run locally
- An understanding of the domain reflected in the code



Your final submission

Rules for completing the challenge



- Code must be committed to the GIT repo provided in a branch for you or your team's work
- You need to include rough architecture notes/diagrams/notepad or whiteboard photos
- One hour will be allowed after the session closes for you to finalize your work
- The final commit after that hour will be used for review
- Any commits after the cut off will be discarded



Thank you

For joining our hackathon

