

Modern Web Application Design – Kickoff

2021 | Manulife / University of Waterloo WE Program



Who am I?



Naveed Zahid
Director of Engineering,
Engineering Transformation

“We need to transform our business to be much more of a **technology-driven company**. We need to become a much more customer-orientated organization and quite frankly the entire industry does. In many ways, if I’m absolutely honest, our industry is still in the dark ages.”



Roy Gori, CEO, Manulife

So... what are engineering skills?



Writing clear, readable, and maintainable code



Having strong passion for designing, developing, and improving cool software products



Thriving in delivering high quality technology solutions



Building common components, frameworks, and libraries



Strong community contributor and consumer



Solving problems creatively

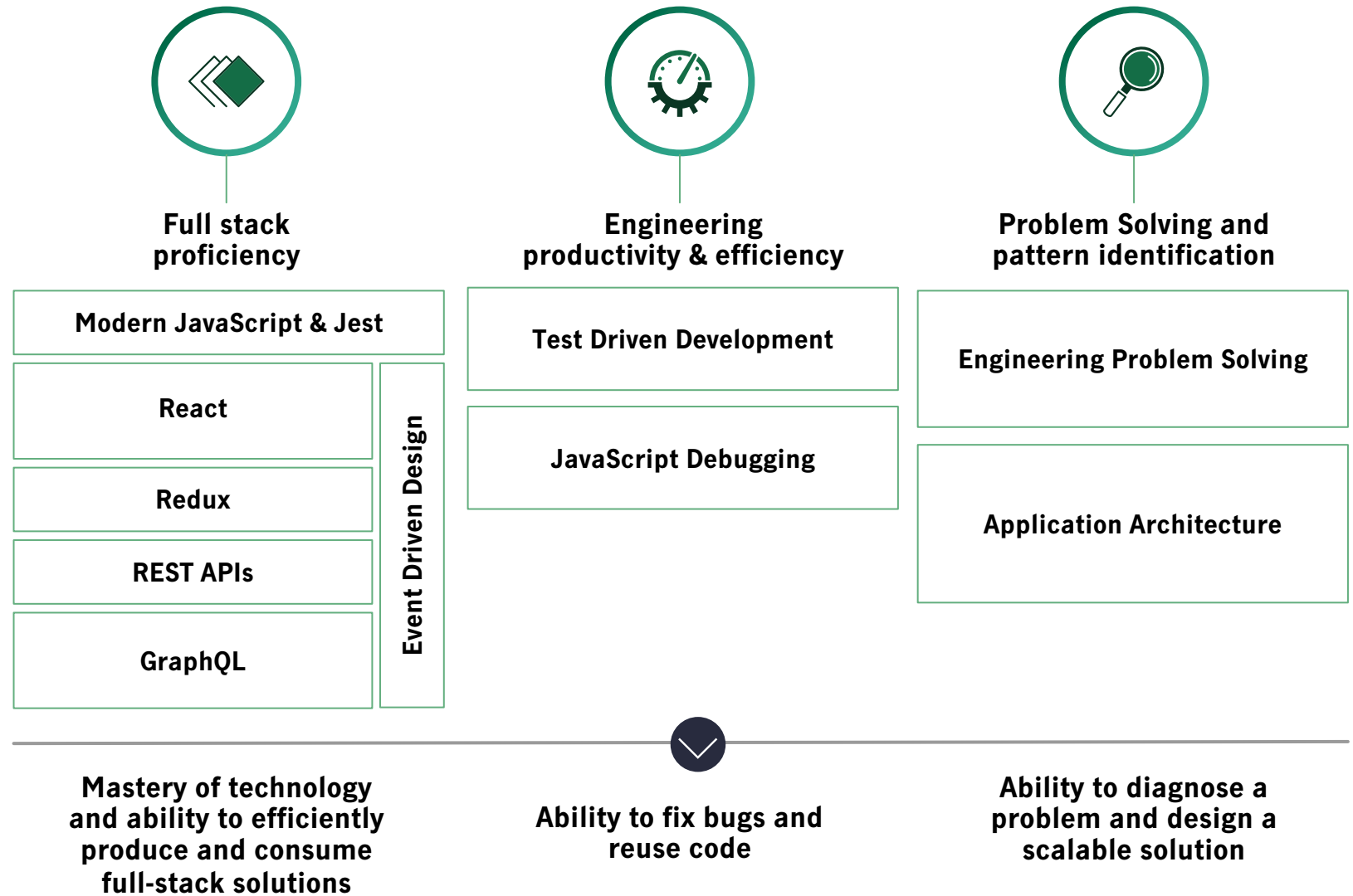


Always learning by using new technologies and tools



Communicating effectively, verbal and written

Curriculum designed to develop explicit competencies

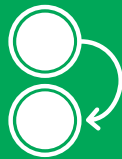


We build these skills through three education principles



Learn through community

We learn from our peers by asking questions, sharing our thinking, and challenging one another



Learn through iteration

We experiment rapidly, then apply our learning – success or failure – to the next iteration



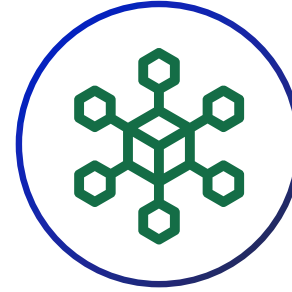
Learn through feedback

We seek regular feedback from one another and adapt accordingly

By the end
of the
month,
you will
gain...



Problem solving
techniques



Knowledge of **emerging**
shareable patterns



A **community** of peers



Coaching and training on
techniques and tools

A broad range of expert instructors from across Manulife!



Hai Hua



Junting Guo



Karina Gonzales Ramos



Adam Kreczko-Lenner



Andrew McGiverty



Shandon Miller



Sanjay
Ramachandran



Michael Bieniek



Naveed Zahid

And a little bit of housekeeping

...

- Daily Schedule
- Breaks
 - 5 -10 mins in between each course (if multiple courses are covered)
 - 5 -10 mins during each course, every 60 – 90 mins
 - Take a bio break, get away from the screen, STRETCH!
- Use **Slido** for **all questions!**
 - We will be checking and pausing every so often!

**Remember
that you
play a
critical role**

- Engage and participate fully
- Embrace your cohort and build a community
- Provide honest and candid feedback
- Share what you learn with your peers

Questions?



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