Why do Programmers Do What they Do? – Potential Interview Questions

Participant Background

- How many years' experience do you have?
    - <2 years
    - <5 years
    - <5-10 years
    - 10+ years
- What is your current role and what does this entail?
- Please describe any security education you had **before** working at your current job?
- Would you like to tell me anything more about your background or experience in the industry?

Current Work

- Can you give a brief overview of the security features (protocols, frameworks, libraries, tools) that you regularly use at work?
- How do you choose what security practices to use and discard?
- Do you know those practices have been tested within your team/organisation?
- Do you change languages based on the security practice you use? Why?
- Please share if you and your team have adapted any of the approaches to suit your work better
- Does your work provide any training, or is it expected that you how to program "securely"?
- What are some difficulties in joining a team with an established process?
- How does security fit in the development life-cycle in real life?

Impacts

- How have your chosen practices affected your ability to deliver within constraints?
- Have you experienced any data/security breaches as a consequence of your work and how was it managed?

- Have there been any lessons learned in your own personal projects and style?

Experience-Based (Dependent on role and years of experience)

- What recommendations would you generally give to teams looking to adopt your security practice of choice?
- Do you give other teams/individuals feedback on their security practices?
- What differences do you see between new and experienced people?
- What common "mistakes" do you see?
- What factors contribute to a successful education on how to use security practices?
- What difficulties did the teams you have worked with share?
- What changes have you observed in the security programming landscape in New Zealand?
- What are the current motivators and deterrents to programmers in terms of paying attention to security?

- IF FROM OVERSEAS OR WORKED OVERSEAS, WHAT DIFFERENCES HAVE THEY NOTICED IN SECURITY IN WORKPLACES IN NZ COMPARED TO OVERSEAS.

Any other issues or comments?