Year One: Transitioning from AppEng to InfrasecEng

06.03.2021
Why you’re here

- Improve your hiring/mentoring process
- Reduce new employee attrition
- Avoid hiring one type of person
- You like fish . . .
Help you help people like me help you
Agenda

1. **Assumptions:**
   - Why you’re here

2. **Case Study:**
   - Should you?
   - Slot Limit
   - Iced fish

3. **Opportunities**
Should you even fish in this pond?

There’s plenty of fish in the sea...

...sadly many of them look like this.
How complicated is your technical context?
What’s your budget?
Network Specialist
IT Person
Affordable infrastructure specialist with lots of security credentials who supports AppEng, manages the AppSec team, fields Sales calls, handles new compliance issues, and respectfully sits in on C-suite meetings while being on call.
Slot Limit

(sometimes you hook the wrong fish)
What now?

Set expectations for the first few months
First project

Project Type
Government

Hard Skills (not exhaustive)
AWS GovCloud - ALBs, VPCs, ACM & SSL termination, CloudWatch Logs, ECS tasks, RDS, GuardDuty, cross-account IAM & key rotation, Trusted Advisor, Athena, Fargate, various lambdas, assisting AppEng Terraform (all AWS, GitHub, PagerDuty), Make, CircleCI, Docker, Scripting, Jira, Confluence General Systems-Level thinking

Colleague Context
2 very senior Infra Engineers
1 senior Security Engineer
2 jr Infra Engineers

Other general expectations
On-call for one-week shifts
Daily standup, Weekly planning and demos
Weekly deploy of a separate Drupal site
IAT II paperwork & CAC approval
Security + certification
AppEng Integration Opportunities

- Culture adaptation
  - InfraSec Book Club
- Mentorship with clear expectations
Fried fish 😬
(I’ll see myself out)
The End

THANK YOU CHAS! 💖

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