TechStack

1. Backend: Go, Python, C++
   a. API: GO
   b. Services: GO
   c. Automation/report scripts: Python
   d. TAP application: C++

2. Frontend: ReactJS

3. Databases: PostgreSQL, MySQL

4. OS: Linux

5. DevOps & CI/CD: Docker, Jenkins

6. Developer tooling: GitHub

7. Queues and monitoring: RabbitMQ, Grafana

8. Webservers: nginx

Technology Training Resources

1. Golang
   a. Tour of Go [https://go.dev/tour/list]
   b. FreeCodeCamp.org [https://www.youtube.com/watch?v=YS4e4q9oBaU]
2. C++
   a. W3School [https://www.w3schools.com/cpp/default.asp]
   b. Cplusplus [https://cplusplus.com/doc/tutorial/]
3. Docker
   a. Automation Step by Step [Youtube] [https://www.youtube.com/watch?v=wi-MGFhrad0&list=PLhW3qG5bs-L99pQsZ74f-LC-tOEsBp2rK&index=1]
4. Git
   a. Git Crash Course [https://gist.github.com/brandon1024/14b5f9fcfd982658d01811ee3045ff1e]
   b. Git Cheat Sheet [https://education.github.com/git-cheat-sheet-education.pdf]
5. PostgreSQL
   a. W3School [https://www.w3schools.com/postgresql/postgresql_exam.php]
6. Python
   a. W3School [https://www.w3schools.com/python/python_lists.asp]
   b. Videos by Corey Schaffer [https://www.youtube.com/watch?v=YYXdXT2l-Gg&list=PL-osiE80TeTskrapNbzXhwoFUiLCjGgY7]
7. Linux
   a. Command Line Tools [https://www.freecodecamp.org/news/linux-command-line-tutorial/]

8. ReactJS
    a. W3School [https://www.w3schools.com/REACT/default.asp]
    b. Traversy Media [https://www.youtube.com/watch?v=w7ejDZ8SWv8]
    c. For Component References [https://react.dev/reference/react]
9. Jenkins
    a. Automation Step by Step [https://www.youtube.com/playlist?list=PLhW3qG5bs-L_ZCOA4zNPSoGbnVQ-rp_dG]
10. RabbitMQ
    a. Rich tutorial provided by RabbitMQ Team [https://www.rabbitmq.com/tutorials]
11. Nginx
    a. freeCodeCamp.org [https://www.youtube.com/watch?v=9t9Mp0BGnyI]
    b. Nginx Cheat Sheet [https://dev.to/manthanank/nginx-cheatsheet-a-quick-reference-guide-o0m]