

T PUGHAL RAJ

88336625 | pughalraj77@gmail.com

NUS Computer Science Y1S2

Link to my GitHub: <https://github.com/Pughal77>

Coding Experience

Orbital 2023

I am developing a **web app to send printing requests** to printers in my school so that it would be easier for me to print multiple documents in my school. In my journey developing I learnt a lot of **NodeJS modules** like child-process and ssh2 that **helps me write bash scripts**, execute commands on the terminal and help me **read the standard output (stdout)**.

Lifehack hackathon 2023

I developed a task app that intends to gamify the work experience in the office space. Users will gain xp for completing tasks disseminated from their supervisors. I learnt how to develop a **CRUD for tasks** and keep track of xp gained by users and kept the **backend and database management easy** by using **firebase**.

CodeIT advanced 2022

Participated in a CodeIT advanced course that **builds upon data structure and algorithms that I learnt in school**. I learnt and see the uses of data structures like hash tables, binary heaps, binary search trees and directed and undirected graphs. I am more familiar with shortest paths algorithms and learnt some **real life uses for these algorithms**.

Lifehack hackathon 2022

I participated in this year's lifehack by SoC and we submitted a **telegram bot** that would **send eco-friendly texts and images at regular periods of time** to remind people to be eco-friendly. I also went for a one-day Mulseoft beginner's course that introduced us to **Anypoint studio** for **API development**

Frameworks and Development software I have experience with:

Basic knowledge of:

1. Python
2. Django
3. MuleSoft
4. JavaScript
5. Node.js
6. React
7. Firebase

Well-versed in:

1. Java