Software Engineer (Backend) Role

Case Study

- A close friend of yours has discovered a problem with how Employees in his company apply for leave days. A google sheet is filled by the employee and shared with the employees supervisor. For sometime, supervisors forget to approve leave requests when they are inundated with a lot of mails.

- Your friend wants to design a simple application where employees of his company can apply for their leave days securely. When an employee applies for leave, the supervisor is notified and constantly reminded until at least 3 days before leave start date.

- After this, the leave is auto approved, with notifications sent to both employee and supervisor.

- Considering the problem and requirements above, build a small backend application with **SpringBoot + MongoDB** to demonstrate a probable solution to your friends problem.

- Take care to demonstrate your understanding of Data structures, Time and space complexities, well known design patterns and SOLID principles.

- Once done upload your source code to a publicly accessible GitHub repository and share the url to careers@peswa.finance

- As best as you can, send in your project on or before **Tuesday, 11th July, 2023.**

Best of luck!

We are rooting for you….