Job Description:

**Get to know the Role**:

* Work with engineering and operations team in building tooling to drive scalability, reliability and performance
* Research and develop new technologies and approaches for building highly available data persistence systems
* Design and write with the cutting edge GO language to improve the availability, scalability, latency, and efficiency of Grab's range of services
* Work with engineering team to explore and create new design / architectures geared towards scale and performance
* Participate in code and design reviews to maintain our high development standards
* Engage in service capacity and demand planning, software performance analysis, tuning and optimization
* Collaborate with product and experience teams to define and prototype feature specifications
* Work closely with infrastructure team in building and scaling back-end services as well as performing root cause analysis investigations
* Design, build, analyze and fix large-scale systems
* Learn full stack performance tuning and optimization
* Debug and modify complex, production software
* Participate in on-call rotations​

**The must haves**:

* A degree in Computer Science, Software Engineering, Information Technology or related fields
* Strong Computer Science fundamentals in algorithms and data structures
* Familiarity with running large scale web services; understanding of systems internals and networking are a plus
* Strong understanding of system performance and scaling
* Possess excellent communication, sharp analytical abilities with proven design skills, able to think critically of the current system in terms of growth and stability
* You can be a good coder in any language (C++, C, Java, Scala, Rust, Haskell, OCaml, Erlang, Python, Ruby, PHP, Node.JS, C# etc.), but willing to work on Golang
* Deep understanding and real passion for relational database theory and database fundamentals
* Proficiency with Linux system administration
* Proficiency in automation development, shell, python or Golang
* Familiar with a key-value store or data structure database (such as Redis, ElasticSearch etc)
* Experience with AWS RDS / Elasticache / other AWS Database Services or experience with management of databases in AWS environment will a strong plus
* Strong CS fundamentals (with competencies in algorithms and data structures)