

(0086) 185-46 59 88 61  
China, He Long Jiang/ Daqing  
3500305858@qq.com

# Aboubakar Ismael

## Cloud Native / Junior Cloud Engineer

blog: ismael16.com  
github.com/aboubakarismael16  
linkedin.com/in/ismael16

Ismael Aboubakar is a student with a passion for open-source projects, Deep Learning. He has a solid experience in the golang and data structure. He also has strong interests in various tech stuff such as Cloud Native, Big Startups. Ismael Aboubakar holds a BS in Petroleum Engineering from Northeast Petroleum University in China(Daqing). He is also willing to take new challenges if the opportunity matches his career path. While he is not working, he enjoys Playing football, likes travelling, writing blogs and learning languages.

### SKILLS

<b>Tools and Languages</b>	Familiar with the Go language and common algorithms and data structures.
<b>Quantitative Research</b>	Familiar with Docker, Gitlab, Kubernetes, Linux system, Git, Windows system, have Python script development ability. Proficiency in the use and optimization of MySQL, RabbitMQ. Familiar with Gin framework (use to write API in golang)
<b>Communication</b>	English,French, Arabic (fluent speaker), Chinese (reading and writing)

### TECHNICAL EXPERIENCE

**Student / KubeCon+CloudNativeCon (Dan Kohn Student Scholarship)** 24 Oct 2022 — 28 Oct 2022  
*North America+Virtual 2022* USA, Detroit

*The Cloud Native Computing Foundation's flagship conference gathers top technologists from leading open source and cloud-native communities in a unique hybrid setting to further the education and advancement of cloud-native computing.*

**gin-mall project** 2022.06.20 - 2022.08.22

*Use gin+gorm+Mysql read/write to build the e-mall project. This project is comprehensive and suitable for beginner to learn web development.*

- **Features:** JWT-Go Authentication for registration, use qqmail for unbound mailbox, change password, use redis to rank items view, payment symmetrically encrypt, etc
- **Build using:** Gin framework for server, using golang, Mysql for Database,etc

**SnippetBox** 2021.07.25 - 2021.08.2

*Golang training web application to learn how to build production-ready web applications with Go, built while reading Alex Edwards "Let's Go" book.*

- **Feature :** Database pool connection pattern that allows for easy testing,Optimized the project work flow, Security standards, which includes: **TLS, CSRF**, session management, Unit and integration testing, a cache for quicker performance.
- **Build Using :** MySql for Databases, Go for Server Framework (net/http Package for Web Framework, alice for Middleware Management, nosurf for **CSRF** Tool, crypto Package for Bcrypt for password encryption, Sessions for Session Management)

### EDUCATION

**Bachelor in Petroleum Engineering, Northeast Petroleum University (NEPU)** 2023.05

### ACTIVITIES

Certificate of Award for Outstanding Student Cadre 2020 — 2021  
Northeast Petroleum University Luminous Run 2020 2020.11  
University Semi-Marathon 2019.03 — 2021.04  
Attestation of the best laureate 2017 (Chad) 2017.08