**Ron Magauin** Email: rassaaaagauin@gmail.com LinkedIn: https://www.linkedin.com/in/raaaul-magauin Mobile: +77000906101 Github: https://github.com/rasaaamagauin **Backend Developer**

# Education

* **Nazarbayev University** Astana, Kazakhstan

*Majors in Computer Science Aug 2021 - May 2025*

*Courses: Algorithms, Formal Languages, Programming Languages, Computer Systems and Organization, Performance and Data Structures*

# Skills Summary

* **Languages**: GoLang, Python, C++, Java, C
* **Frameworks**: Gin, Gorilla Mux, revel.go, Django REST, gRPC
* **Web Development**: Backend development in GoLang with REST APIs, gRPC, and Django REST Framework.
* **Database Management**: Experience with SQLite, PostgreSQL, MongoDB, and Redis.
* **Containerization**: Proficient in Docker and Kubernetes deployment on AWS.
* **API Integration**: Skilled in RPC, Protocol Buffers, and gRPC integration.
* **Data Structures and Algorithms**: Proficient in ADTs and OOP for optimized performance.
* **Testing**: Emphasis on unit testing for software reliability using gomock for mocking databases.

# Experience

**dev.house** Astana, Kazakhstan

*Backend Developer Sep 2022 - July 2023*

* + Developed **REST API services** in **Golang** using **Gin**.Used **gRPC** for efficient data flow and error handling.
  + Managed **Redis**, **NoSQL**, and **SQL** databases, ensuring optimal performance and data persistence.
  + Utilized **Docker** for application containerization, enhancing scalability and reproducibility.
  + Ensured software reliability and stability through rigorous **unit testing**, leading to improved code quality.

# Projects

* **SimpleBank Backend Service**: Developed a comprehensive **backend web service in Go** for a banking system. The service provides RESTful HTTP APIs for account management, balance tracking, and money transfers between accounts. Leveraged **Gin framework** for API development, **Docker** for containerization, and **Kubernetes** for deployment on **AWS**. The project also incorporates advanced features like gRPC APIs, asynchronous processing using **Redis**, and security enhancements with JWT, PASETO, and user authentication. Github [**link**](https://github.com/rassulmagauin/simplebank)
* **Encryption Service**: Developed a **Go-based** encryption **microservice** with API endpoints, logging, and instrumentation for system monitoring and debugging, designed for integration into larger systems to provide encryption as a service. Github [**link**](https://github.com/rassulmagauin/encryptServiceWithLoggingWithInstrumentation)
* **GRPC Project**: Developed a **Go-based GRPC** service for managing transactions, encompassing a GRPC server and client, both designed in Go, with interfaces and message types defined via **Protocol Buffers**. Github [**link**](https://github.com/rassulmagauin/GRCP)
* **E-commerce REST API**: Developed an E-commerce **REST API in Go.** The project includes API endpoints for managing users and orders. The data models are defined in Go. Github [**link**](https://github.com/rassulmagauin/GormPostgresEcommerceRestAPI)
* **Document Delivery System (Backend)**: Developed the backend for an electrical government project that enables users to request and deliver official documents efficiently. Implemented full **CRUD** operations and integrated a **distance-based pricing** algorithm using Django **REST** framework. Github [**link**](https://github.com/rassulmagauin/StockMarket)
* **To Do Task Manager**: Developed TodoWoo, a task management, using DRF. Implemented user authentication, authorization, CRUD operations for task management, and integrated with PostgreSQL for data storage. Github [**link**](https://github.com/rassulmagauin/todowoo-project-with-API)

# Honors and Awards

* *International Physics Olympiad (IPHO) 2020, 2019*

## Silver (Top 25%), Bronze (Top 25%) medals ∼350 participants

* *European Physics Olympiad (EuPHO)* *2020*

## Gold (Top 5%) medal ∼270 participants

* *Asian Physics Olympiad (APHO)* *2019*

**Bronze (Top 25%)** medal and **Best experimentator (Top 1%)** award ∼**220 participants**

* *International Zhautykov Olympiad (IZHO) 2020, 2019, 2018*

## Gold (Top 3%), Silver (Top 15%), Bronze (Top 30%) ∼200 participants from 20 country

* *National Physics Olympiad 2020, 2019, 2018*

**Gold (Top 1%)**, **Gold (Top 2%)**, **Gold (Top 2%)** medals ∼**50 participants**