

# Paranietharan Palasuntharam

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## Experience

### QLUB - Associate Software Engineer

Aug 2025 – Present

- Developing and maintaining third-party POS integrations using **Go** and **Python** for seamless payment processing across multiple vendor systems.
- Implementing **RESTful APIs** and **microservices architecture** to integrate with multiple POS systems, improving reliability and reducing coupling.
- Collaborating with cross-functional teams to deliver scalable backend solutions and improve overall system performance.

### QLUB - Software Engineer Intern

Feb 2025 – Jul 2025

- Built third-party POS integration modules using **Go** and **Python**, reducing integration delivery time by **30%**.
- Developed backend services for payment processing and order management with a focus on reliability and scalability.
- Worked with **PostgreSQL** and **Redis** for relational data management, caching, and performance optimization.

## Education

### University of Moratuwa

2022 – Present

BSc (Hons) in Information Technology

## Skills

Languages	Go, Python, Java
Web & Frameworks	React, Spring Boot, Gin
Databases	PostgreSQL, MySQL, MongoDB, Redis, MSSQL
DevOps & Tools	Docker, Git, CI/CD, AWS, GCP, Postman
Soft Skills	Problem Solving, Team Collaboration, Communication, Leadership

## Projects

### CloudBin - Scalable File Storage Service

Go, Gin

- Designed and implemented a **RESTful backend file storage service** inspired by cloud object storage (S3-style), supporting secure upload, retrieval, and file management.
- Built concurrent file handling using **goroutines** to improve throughput under high load.
- Designed an extensible storage abstraction layer to support swappable storage backends.
- Implemented secure file access mechanisms with input validation and controlled access control.

### SEO Audit Tool

Go, PostgreSQL

- Built a concurrent web crawler using **goroutines** to analyze website SEO performance and extract structured meta-data.
- Extracted page titles, meta tags, and HTTP response metrics for structured SEO reporting.
- Designed a deduplication strategy to avoid redundant visits and maximize crawl coverage.
- Stored and queried crawl results using **PostgreSQL** for persistent analysis.