

# Andrew Yacoub

Cairo, Egypt | +201279700265 | **ANDREW YACOUB** | [LinkedIn](#)

## SUMMARY

Backend Software Engineer with 4+ years of experience building scalable and resilient systems using Ruby on Rails, Python, and cloud-native technologies. Proven track record in reducing system latency, improving data pipelines, and deploying high-performance APIs with Docker, Redis, RabbitMQ, and PostgreSQL. Passionate about system design, distributed architecture, and driving product impact through efficient engineering.

## Skills

**Languages:** Ruby, Python, JavaScript, SQL

**Frameworks:** Ruby on Rails, FastAPI, React.js, Node.js

**Databases:** PostgreSQL, MySQL, Redis, Elasticsearch

**DevOps & Tools:** Docker, Kubernetes (basic), RabbitMQ, RSpec, Git, GitHub Actions, Postman, Sidekiq

**Cloud Platforms:** AWS (EC2, S3), Azure (basic)

**Monitoring:** Grafana, Azure Data Explorer

## Experience

**LUCIDYA, KSA – Software Engineer** *Remotely* **SEPT 2024 - PRESENT**

- Built scalable microservices using Ruby on Rails and Python, integrating Redis, PostgreSQL, and RabbitMQ.
- Enhanced API functionality to support real-time social media data analysis and communication through Gupshup and WhatsApp integrations.
- Implemented scalable systems for managing omnichannel engagement metrics, reducing latency by 20%.

**QOYOD, KSA – Software Engineer** **JUN 2022 - AUG 2024**

- Spearheaded the development of robust backend solutions using Ruby on Rails and MySQL, enhancing data processing efficiency by 30%.
- Collaborated with frontend teams in implementing responsive designs with React.js and Redux, improving user engagement by 25%.

**ITPlicity, Egypt – Software Engineer** **MAY 2021 - MAY 2022**

- Developed and maintained API integrations between enterprise platforms, resulting in a 40% reduction in manual data entry tasks.
- Delivered high-quality software integrations with a 95% project success rate.

**Maxiom Technology, USA – Software Engineer** *Remotely* **AUG 2020 - APR 2021**

- Contributed to the development of scalable web applications, enhancing user experience and performance.
- Implemented CI/CD pipelines, reducing deployment time by 50%.

## Additional Experience (Prior to Software Career):

**Orascom Construction – Mechanical Engineer** **MAY 2016 - AUG 2020**

**Orascom Trading – Electrical Engineer** **NOV 2014 - APR 2016**

## PROJECTS

**Lucidya** ; AI-powered platform for customer experience management

Contributed to backend systems using Ruby on Rails and Python, integrating Redis and RabbitMQ for real-time engagement tracking.

**QOYOD** ; Simplifies the accounting process.

Built robust backend features for invoicing, billing, and reporting using Ruby on Rails and MySQL

**EDST** ; Hubspot & Netsuite Integration

Developed seamless API communication between CRM and ERP systems to ensure real-time data synchronization.

**LightDeck** ; Tsheets & NetSuite Integration .

Created time-tracking and payroll data automation pipelines using background jobs and webhook listeners.

**Vediri**: Shopify & Netsuite Integration:

Enabled e-commerce and financial sync for product and order data using Ruby-based services.

**Mustang** — Shopify & NetSuite Integration.  
Streamlined sales data exchange, built scalable sync processes, and improved reporting accuracy.

**HyperLogs**; Time tracking application.  
Designed intuitive time entry dashboards, optimized reporting logic, and integrated Redis and ElasticSearch.

**Online business bureau** ; Rating workspaces.  
Developed RESTful APIs and a moderation system for user-generated reviews

**Business venture:** Amazon & walmart Integration.  
Built multi-platform product sync and automated inventory management system.

EDUCATION

<b>Computer Science PostGraduate-Diploma</b> , Cairo University, Cairo	GPA 3/4	OCT 2022 - JUN 2024
<b>Mechatronics Engineering, El Minia University, EL Minia</b> — Bachelor Degree (79.1%)		OCT 2009 - JULY 2014