

Abraheem Khidr

akhidrb@gmail.com | (949) 482-7912 | Irvine, CA 92602

linkedin.com/in/abraheem-khidr | github.com/akhidrb

Senior Software Engineer

Senior Software Engineer with 7+ years of experience building high-scale fintech, cloud, and distributed backend systems. Specialized in Golang and Python, with deep expertise in regulated financial platforms, real-time data processing, and backend orchestration. Led early engineering efforts, scaling a production fintech platform from inception to 200M+ EGP in financing, improving platform throughput by 5×, and integrating LLM-based services for classification, entity extraction, and document processing in compliance-driven environments.

Work Experience:

Senior Software Engineer, **Oliv**, March 2024 - Present

- Architected and scaled a regulated fintech factoring platform that has facilitated 200M+ EGP in SME financing, achieving a 5× increase in transaction velocity.
- Served as a founding engineer, owning core backend architecture and mentoring engineers while collaborating closely with product and leadership on early technical direction.
- Built high-concurrency backend systems using Python, Celery, Redis, and MySQL, supporting real-time transaction processing and background workflows.
- Designed and implemented backend data ingestion pipelines to collect, normalize, and persist financial, document, and third-party data for downstream analytics and AI-driven classification workflows.
- Integrated LLM-based services to classify financial invoices, identify organization industries, and extract structured data from commercial register documents using OpenAI and Google Generative AI.
- Implemented compliance-critical features including eKYC verification, digital contract signing, and audit-friendly onboarding flows.

Senior Software Engineer, **SOLO**, June 2023 - January 2024

- Designed and built a real-time financial data aggregation and reporting platform integrating multiple banks and third-party providers.
- Leveraged Golang for performance and concurrency, PostgreSQL, and AWS Lambda to create a highly scalable and fault-tolerant architecture for financial data processing.

Senior Software Engineer, **Nyo**, November 2022 - April 2023

- Led the development of a PCI-compliant financial platform for parents and children, utilizing Golang, PostgreSQL, Flutter, and AWS.
- Designed scalable system architecture to enhance reliability, maintainability, and security.
- Oversaw technical operations, enforced coding best practices, and managed deployment strategies.
- Integrated third-party services to ensure seamless functionality and security compliance.

Software Engineer II, **Jumia**, November 2021 - October 2022

- Developed services to allow vendors to create different kinds of campaigns on Jumia platforms using Golang, React, PostgreSQL, Kafka, and Redis
- Assisted in designing services by participating in design meetings and making proposals on different system architecture solutions.

Software Engineer II, **Magalix (Acquired by Weaveworks)**, February 2020 - September 2021

- Designed and maintained high-throughput data ingestion pipelines using Kafka and distributed databases to process large-scale infrastructure telemetry for analytics, optimization, and policy enforcement.
- Built cloud-native backend services for a Kubernetes automation platform focused on performance optimization, cost efficiency, and governance at scale.
- Developed backend services in Golang and Python to support automated right-sizing and governance of Kubernetes clusters and workloads.
- Implemented large-scale data processing pipelines using Apache Beam and Google Dataflow to analyze infrastructure telemetry and drive optimization insights.
- Contributed to Policy-as-Code and DevSecOps capabilities, enabling real-time enforcement of security and compliance guardrails in cloud-native environments.
- Supported enterprise-grade GitOps workflows and compliance features in a platform later acquired by Weaveworks.

Education:

Bachelor of Science in Computer Science, **American University in Cairo (AUC)**, Egypt, Spring 2018

Skills:

- **Languages:** Golang, Python, Java, Dart, Typescript
- **Databases:** PostgreSQL, MySQL, MongoDB, Redis
- **Backend & Messaging:** Kafka, Celery, REST, gRPC
- **Cloud & Infra:** AWS, Kubernetes, Docker, BigTable
- **Frontend:** Flutter, React, Angular
- **Practices:** Distributed Systems, FinTech Platforms, DevSecOps, BDD/TDD, CI/CD

Certifications:

- ICAgile Certified Professional (Agile Fundamentals, Agile Team Facilitation)