

# George Yazbek

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## About

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Executive Technology leader in software development and IT architecture with more than 20 years in startup, scale-up and large enterprise settings.

- Led and mentored engineering teams of 200+ professionals, fostering a culture of technical excellence and continuous improvement.
- Demonstrated success in cross-functional leadership, effectively bridging technical initiatives with Marketing, Sales, and Operations objectives
- Architected, implemented, and delivered high-performance secure systems and web/mobile apps used by millions of users 24/7 in the telecom and finance spaces.
- Led digital transformation projects from concept to completion.
- Managed Telecom and Security product portfolio, roadmaps, partner vendors and presented the company in trade shows and conferences.

## Areas of expertise

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✓ Technical Leadership	✓ Digital Transformation	✓ Architecture
✓ Software Development	✓ Vendor management	✓ Cloud Computing
✓ Product Management	✓ Complex System Design	✓ SaaS
✓ Communication	✓ IT Infrastructure	✓ AI/ML
✓ Bilingual English, French		

## Professional experience

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2024-Present **Solution Architect** at AXA Group Operations

- IT Architect for the HR Domain applications serving 150K internal users: Part of the GO Transformation team modernizing the application architecture and moving to the cloud.
- Running Design authority for the projects and ensuring architectural compliance and security.

2016-2023 **Chief Technology Officer** at Layer Digital Solutions

- Conceived and built the Open Digital Banking Platform: an API-first omnichannel customer and employee experience system used by the top three banks in Africa.
- Organized and managed the tech team and scaled it from 10 to 50 engineers in a full-remote global environment.
- Architected the platform as a highly scalable, available, and cost-effective microservices based system.
- Implemented digital transformation projects with banks by digitizing loan origination, card management and other processes.
- Created customer-specific iOS and Android mobile apps, web apps and chat apps using Facebook Messenger and WhatsApp.
- Created a generic web-based machine learning module with applications like product recommendation and customer churn.
- Established streamlined agile processes for delivery using CI/CD, code review, continuous integration, and automated testing.
- Evolved the platform as a self-serve SaaS solution with developer portal, sandbox and developer API documentation.

2014-2016 **Chief Technology Officer** at Enghouse Networks, Canada

Enghouse Networks consists of multiple small subsidiaries scattered across North America and Europe.

- Conducted technical evaluations of four potential acquisition targets.
- Supervised a team of over 200 R&D professionals to achieve company objectives.

- Consolidated product portfolio creating new combined solutions, resulting in increased efficiency and profitability.

2010-2014

**Chief Technology Officer** at Jinny Software

Jinny Software is a world leader in Telecom Value Added Services (SMS, MMS, VMS) and Security (SS7 Firewall and Anti-spam)

- Managed the product management team, the product portfolio and strategic vision.
- Managed partners and vendors.
- Architected VAS, Security, Diameter and Data warehouse and reporting systems.
- Designed and managed platform architecture for high-availability and observability.
- Represented the company at trade shows and with customers and prospects.

2005-2010

**Strategic Marketing Director** at Jinny Software

- Created the product management group with six members worldwide and lead overall product directions.
- Set the procedures for product lifecycle management and change management.
- Contributed significantly to critical sales presentations and RFPs.

## Education

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**Master in Business Administration**

Executive generalist business training

ESCP Business School, ESA Business School

**Master in Computer Engineering**

Computer architecture and design: distributed systems, networks and operating systems

Telecom ParisTech, Paris, France

**Electrical and Electronics Engineering diploma**

Faculty of Engineering, Lebanese University, Roumieh, Lebanon

## Open-Source Contributions

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*kuvasz-agent* A monitoring tool with focus on efficiency and gathering relevant metrics only.

*kuvasz-streamer* A PostgreSQL Change Data Capture tool.

## Publications

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2023-Present Systems architecture blog: <https://kuvasz.io>

2007 Video Segmentation and Compression using Hierarchies of Gaussian Mixture Models, International Conference on Acoustics, Speech, and Signal Processing (ICASSP), 2007, Honolulu, Hawaii

2007 ENST/UOB/LU@TRECVID2007 High Level Feature Extraction Using 2-Level Piecewise GMM, NIST TReCVID 2007

## Technical skills

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Programming C, C++, Go, Python, Java, JavaScript, Typescript, HTML, CSS, jQuery, React.

Database PostgreSQL, MySQL, MongoDB, Cassandra, Elasticsearch, Informix.

SCM Git, Gitlab, GitHub

Advanced SQL Query analysis and optimization, transactions, concurrency, recovery.

Networking IP, TCP, UDP, SCTP, ICMP, ARP, NAT, HTTP, DNS, SMTP, POP3, IMAP, VXLAN, TLS, IPsec, VLANs, Routing protocols.

Telecom SS7, CAP, MAP, TCAP, ISUP, SIP, RTP

API REST, gRPC, SOAP/XML, OpenAPI, Kong.

Automation BPMN, DMN, Camunda

Observability Grafana, Prometheus, Loki, Tempo, Carbon, Graylog.

Infrastructure Linux, VMware, oVirt, RHEV, Docker, Swarm, Kubernetes

Cloud Azure, AWS, GCP, OCI