MOHAMMAD MASEEHUZZAMA

IT MANAGER

IT Operations & Infrastructure · Network, Security & Vendor Management · Multi-Property IT Leadership

M. Tech Cloud Computing (BITS Pilani)· PMP In Progress · Saudi Council of Eng. (Oct 2021–Present)

+966 54 925 7550 ▪ m.maseeh@hotmail.com ▪ Jeddah, Saudi Arabia ▪ linkedin.com/in/maseehuzzama



PROFESSIONAL SUMMARY

IT Manager with 10+ years leading enterprise IT infrastructure, network, and security operations across multi-site and hospitality environments in Saudi Arabia, the UAE, and beyond — including prior IT Solutions Architect engagement with Accor Hotels (Jeddah), an IT procurement role for Golden Tulip Riyadh, and an IT infrastructure assessment for Movenpick Hotel Jeddah. Owns full IT strategy and operations for a growing engineering firm, spanning private cloud deployments across four countries, enterprise network and security architecture, vendor and budget management, and in-house ERP delivery. Combines hands-on technical depth (AWS, Azure, GCP, Kubernetes, Docker) with team leadership, stakeholder management, and cross-department digital transformation — experience well suited to managing IT operations across hotel properties and corporate offices alike.

CAREER HIGHLIGHTS

- **Hospitality IT Experience** — Delivered IT solutions architecture for Accor Hotels, Jeddah; managed IT procurement and vendor relationships for a new Golden Tulip Riyadh property; and led an IT infrastructure assessment ahead of Movenpick Hotel Jeddah's renovation.
- **Multi-Country Infrastructure** — Architected private cloud storage linking Medina, Dubai, Riyadh, and Lebanon branches with centralized access and backup.
- **Enterprise Network & Security** — Delivered FortiGate SD-WAN, Sophos, and multi-VLAN segmented networks across new office builds in KSA and UAE.
- **Team & Vendor Leadership** — Owns IT strategy, vendor relationships, and budget oversight across multiple offices and countries, with full accountability for new-build IT, AV, and IP telephony rollouts.
- **Project & Budget Ownership** — Managed a multi-scope HQ rollout with variation orders totaling SAR 197k against phased payment milestones.

CORE COMPETENCIES

IT Leadership & Strategy IT Infrastructure Management · IT Operations Management · IT Strategy & Roadmapping · Multi-Site & Multi-Property Operations · Team Leadership · Vendor & Budget Management · Digital Transformation · Stakeholder Management

Network & Security Network Security · Firewall Administration (FortiGate, Sophos) · SD-WAN · VLAN Segmentation · VPN · Enterprise Network Design · Disaster Recovery & Backup · Low Current / ELV (CCTV, Access Control, Fire Alarms)

Infrastructure & Cloud AWS · Azure · GCP · Oracle Cloud · Private/Hybrid Cloud · Multi-Tenant SaaS Architecture · Solution Architecture

DevOps & Systems Docker · Kubernetes · CI/CD Pipelines · Git-Ops · Terraform (IaC) · Kafka (Event-Driven Architecture)

Development & Systems ERP Implementation · Python · FastAPI · Flask · PHP · Laravel · Livewire · REST APIs · Microservices · JWT/OAuth2 · MySQL · MongoDB · Vue.js

PROFESSIONAL EXPERIENCE

Optimum Engineering Co. (OPECO) — Saudi Arabia & UAE

Jun 2017 – Present

IT MANAGER (IT INFRASTRUCTURE & OPERATIONS MANAGER)

- Own IT strategy and enterprise infrastructure operations across multiple offices and countries, aligning technology roadmaps with business goals and driving efficiency and scalability.
- Architected a private cloud storage platform connecting branch offices in Medina, Dubai, Riyadh, and Lebanon for centralized data access and backup — a multi-region infrastructure design.

- Lead in-house enterprise application development, including a modular multi-tenant ERP platform now in progress across CRM, Sales, Purchasing, HR, and Accounting (see Key Projects).
- Designed and delivered enterprise network and security architecture (FortiGate SD-WAN, Sophos, multi-VLAN segmentation) for new office builds, including full IT, AV, and IP telephony deployments.
- Spearheaded digital transformation initiatives that improved system integration and service delivery across departments.

Career progression within OPECO:

- IT Infrastructure & Operations Manager — current role (2023 – Present).
- IT Solutions Architect — multi-site projects across Dubai, Jeddah, and Riyadh (2019 – 2023), including Accor Hotels Jeddah; see Key Projects below.
- IT Procurement Engineer — Golden Tulip Riyadh (Jun 2018 – Jun 2019): managed IT hardware/software procurement and vendor relationships for a new hotel property.
- Low Current Engineer — Al Keswah Towers, Makkah (Jun 2017 – Jun 2018): installed and maintained low-current/ELV systems (CCTV, access control, fire alarms) on a live tower construction project.

Roza General Contracting Co. **Mar 2015 – May 2017**

LOW CURRENT & NETWORK ENGINEER

- Delivered end-to-end installation and support for low-current systems (CCTV, access control, fire alarms) across live construction sites, meeting safety and compliance standards.
- Primary site: Jabal-Omer Hotels Series, Makkah — multi-tower hospitality development.

Hatam Consultancy Services Pvt. Ltd. **Jul 2014 – Feb 2015**

WEB DEVELOPER

- Developed and maintained scalable web applications; contributed to technology-adoption strategy discussions.

KEY IT & INFRASTRUCTURE PROJECTS

Accor Office, Jeddah (Accor Hotels Group) — IT Solutions Architect **Oct 2022 – May 2023**

- Designed and deployed modern IT infrastructure, including smart meeting rooms, improving team collaboration and digital workflows for Accor's Jeddah office.

Movenpick Hotel, Jeddah — IT Assessment for Renovation **Jan 2025**

- Conducted an IT infrastructure assessment ahead of the property's renovation, scoping network and systems upgrades.

Al Jumaiah Investment Headquarters, Riyadh — IT & Infrastructure Implementation **Dec 2025 – Jan 2026**

- Led supply and installation of integrated IT and security infrastructure for a new HQ office.
- Configured FortiGate 80F firewall with SD-WAN/failover and Aruba switches across seven VLANs with inter-VLAN policies; deployed Hikvision CCTV and EZVIZ access control.
- Deployed AV (MAXHUB, Yealink) and IP telephony (Grandstream PBX) across meeting rooms and offices.
- Managed financial documentation across three scopes and a variation order (SAR 197k total), tracking phased payment milestones.

OPECO ERP — Modular Multi-Tenant ERP Platform **In Progress (80% Done)**

PHP, Laravel (Laravel Modules), Livewire 3, MySQL, Blade, Bootstrap, Alpine.js

- Architecting a modular, multi-tenant ERP spanning CRM, Sales, Purchasing, HR, Project Management, Accounting, and Inventory using Laravel Modules for independent, maintainable feature domains.
- Own end-to-end delivery of the Purchasing module: Purchase Requests, RFPs (vendor invitation, submission comparison, and scoring), Purchase Orders, and Vendor management.
- Built a configurable multi-level approval workflow engine with dynamic assignment rules (creator, department head, project manager, role-based), eliminating hard-coded approval chains across business processes.
- Developed a reusable generic filtering system (range filters, multi-select checkboxes, entity typeaheads) adopted across all modules, and a print-template system producing business documents with accurate pagination and dynamic content.

Master's Dissertation — Multi-Tenant SaaS Application **Jan 2025 – May 2025**

Architecting Multi-Tenant Applications in Distributed Cloud Systems · Python, FastAPI, Vue.js, MySQL, MongoDB

- Designed a cloud-native, microservices-based SaaS application supporting shared and per-tenant database architectures.
- Implemented region-based sharding and JWT-based tenant-aware authentication for scalable, secure multi-tenancy.
- Used containerization and event-driven communication (Kafka) for service orchestration.
- Built CI/CD pipelines and deployed on Kubernetes for high availability and distributed cloud management.

Generative AI Healthcare Assistant — LLM Fine-Tuning Project **Oct 2025 – Nov 2025**

Python, Hugging Face Transformers, Flask, Laravel Livewire

- Fine-tuned a pre-trained transformer model for contextual medical Q&A using prompt engineering and transfer learning.
- Built the backend in Flask and integrated it with a Laravel Livewire frontend for real-time interaction.
- Focused on secure data handling and inference performance suitable for regulated healthcare environments.

Private Cloud Storage — Multi-Branch Deployment **Aug 2024**

- Implemented secure private cloud storage connecting branches in Medina, Dubai, Riyadh, and Lebanon with centralized data access and backup.

OPECO Office, Riyadh — IT Infrastructure Management & Solution Architect **Aug 2024 – Dec 2024**

- Designed and implemented scalable IT infrastructure, including smart meeting rooms, to improve cross-office collaboration.

OPECO Office, Dubai — IT Solutions Architect **Apr 2019 – Jun 2019**

- Planned and executed full IT and AV setup; deployed Sophos Firewall and configured VPN tunnels linking Dubai, Riyadh, Jeddah, Medina, and Lebanon branches.

OPECO Website — Web Development **Jan 2024 – Mar 2024**

- Redesigned and developed OPECO's corporate website, improving visual design, performance, and responsiveness.

CERTIFICATIONS & TRAINING

2026 PMP Training for PMI Exam — Simplilearn (PMP in progress)

2025 Generative AI & LLM Applications Developer — Simplilearn

2024 Cloud Architect — Simplilearn

EDUCATION

2023 – 2025 M.Tech, Cloud Computing — Birla Institute of Technology & Science (BITS), Pilani, India

2013 – 2014 Post Graduate Diploma, Nanotechnology — Aligarh Muslim University (AMU), Aligarh, India

2008 – 2012 B.Tech, Computer Science & Engineering — Dr. A.P.J. Abdul Kalam Technical University (UPTU), Lucknow, India

LANGUAGES

English — Fluent · Urdu — Native · Hindi — Native · Arabic — Basic

DECLARATION

I hereby declare that the above information is true and correct to the best of my knowledge and belief. **— Mohammad Maseehuzzama**