

Moa Al Balushi

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EDUCATION

TEMPLE UNIVERSITY – Fox School of Business, Philadelphia, PA

Bachelor of Business Administration

May 2027

Major: Management Information Systems | GPA: 3.77

AWARDS

Ministry of Higher Education (Oman) - Fully Funded ESAM Scholarship

Temple University - Laura Carnell Global Scholarship

Institute for Business and Information Technology – Person-Barbour Scholarship

TECHNICAL SKILLS

Mobile App Development:

Flutter/Dart

Software Development:

Visual Basic, Python

Web Development:

WordPress, HTML, CSS, PHP, JavaScript, Flask

Server Management:

KVM, Virtualizor, CPanel

Cloud Development:

Terraform, AWS, Azure

Artificial Intelligence:

GenAI, ML, PyTorch, MLOps, OCR

PROJECTS EXPERIENCE

DocFusion (Rihal)

February 2026 – March 2026

- Built an end-to-end document understanding pipeline to extract structured data (Vendor, Date, Total) from receipts and invoices using LayoutLMv3 and OCR (DocTR).
- Optimized model training by freezing the transformer backbone and fine-tuning lightweight classification layers, significantly reducing training time while maintaining performance.
- Designed a scalable deployment architecture using Docker and AWS ECS, enabling on-demand GPU inference for cost-efficient model execution.

AI Aware Writing Environment (DIF, IBIT)

September 2025 – November 2025

- Migrated the AAWE platform to AWS, using Terraform to provision secure, scalable infrastructure (VPC, RDS, ECS Fargate, ECR).
- Implemented staging and production environments with an Application Load Balancer (ALB).
- Automated the DevOps pipeline using GitHub Actions CI/CD, enabling reliable build, test, and deployment workflows for Dockerized applications.
- Enhanced security and monitoring through IAM role-based access, SSL/TLS certificates (ACM + Cloudflare), restricted security groups, and CloudWatch logging.

SELECTED EXPERIENCE

Digital Innovation Foundry, Temple University

November 2024 – Present

Digital Consultant

- Research and develop digital solutions for industry partners, identifying cost-effective and scalable approaches to support their transformation initiatives.
- Design and implement innovative digital projects, including AI-powered web applications, cloud-based platforms, and data visualization tools, integrating technologies such as AWS, Django, and generative AI to solve real-world business and academic challenges.
- Collaborate with designers, developers, and faculty stakeholders to define technical requirements, optimize cloud architecture, and deliver scalable AI-driven solutions that align with client goals.
- Present project updates and recommendations to relevant teams and decision-makers, ensuring clarity in technical solutions and impact on business goals.

IMoPvP Cloud Hosting, Online

November 2019 – November 2021

Founder

- Launched and managed a cloud hosting business, providing cost-effective, low-latency VPS solutions tailored for web scraping and botting.
- Deployed and maintained 7+ high-performance servers from Hetzner (64GB RAM each) using Virtualizor KVM software, optimizing resources for maximum efficiency.
- Grew the business to 4,000+ orders by outperforming competitors in both pricing and performance.