

# Alaeddin Badran

Tampa, FL

- Email: [contact@alaeddin.net](mailto:contact@alaeddin.net)
- Website: [www.alaeddin.net](http://www.alaeddin.net)
- LinkedIn: [profile.alaeddin.net](https://profile.alaeddin.net)

## Summary

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AI engineer and Python developer with a background in data analytics and BI architecture. Recently shifted from data-focused roles into AI and backend application work, building Python services, APIs, and LLM-based workflows. That shift was supported by hands-on work in a large self-hosted homelab, where I run Linux infrastructure, Proxmox, containers, and local services.

## Employment History

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### **3Cloud Solutions (Consulting) | Downers Grove, IL (Remote)**

- Senior Architect – AI: April 2026 – Current
- Architect – AI: April 2025 – March 2026
- Senior Architect – BI & Analytics: January 2024 – April 2025
- Architect – BI & Analytics: January 2022 – January 2024

Architected an end-to-end serverless validation solution using Python and Azure Functions that triggers on file upload, orchestrates multiple API calls, validates contents against a custom business rules engine, and notifies downstream systems for real-time UI display.

Led the implementation of data solutions for enterprise clients, with a focus on architecture, security, and performance.

Built solutions for client-specific challenges with a focus on reliability, maintainability, and cost.

Mentored junior team members in data analytics and engineering best practices.

### **GECU (Banking) | El Paso, TX (Remote)**

*Business Intelligence Architect: June 2020 – January 2022*

Built and managed an enterprise analytics platform to support the credit union's operations and decision-making. Worked with executives and managers to identify business needs. Trained Power BI developers and business users in the skills needed for their roles.

### **Priority Dynamics (Consulting) | Kuala Lumpur, Malaysia**

*Data Analyst: September 2014 – June 2020*

Led the development and deployment of data platforms for clients, helping them move from raw data to reporting, analytics, and predictive models using Power BI, SQL Server, SQL Server Integration Services, Microsoft Power Platform, Azure, and R.

## Key Skills

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### AI Engineering & Python Development

- Generative AI: Certified in Azure AI Services ([AI-102](#)). Building generative AI applications, agents, and custom LLM workflows with Semantic Kernel and LangGraph.
- Backend Development: Python for backend services, microservices, and REST APIs.
- Predictive models & ML: Experience with traditional ML models including linear and logistic regression, decision trees, random forest, and clustering using Python, R, and Azure ML.

### Data Analytics and Engineering

- Microsoft Fabric and Power BI (Certified: [DP-600](#), [DP-500](#), [PL-300](#))
- Relational database design and management
- Databricks (Certified: link [here](#))
- Azure Data Platform

### Cloud Infrastructure & Administration

- Operating and managing core Azure infrastructure including Azure VMs, Blob Storage, Logic Apps, and Azure Functions.
- Azure governance including cost management, resource organization, and Identity and Access Management (IAM).
- Linux server administration, deployment, and maintenance for hosting backend applications.

## Education

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Qualification	Awarding Institution
Bachelor of Economics - Applied Statistics (2011-2015)	University of Malaya