

Dr. Essa Mohamed Rafique

Application for App Developer &
AI Specialist | Al-Balagh Academy

Bridging Technical Mastery with Islamic
Scholarship for Global Da'wah.

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The Digital Architect of Faith

The Al-Balagh Call

- **Goal:** Spread beneficial Islamic knowledge.
- **Needs:** Individuals passionate about serving the Deen through their professional skills.
- **Reward:** Earn continuous reward through every learner who benefits.



The Candidate's Mission

- **Goal:** Developing freeware and open-source digital resources for Islamic education.
- **Action:** 23+ standalone Islamic & healthcare apps and 49 interactive web engines built voluntarily.
- **Sincerity:** A lifetime dedicated to community health, faith-driven development, and knowledge-sharing.

The Digital Architect of Faith



Clinical & Public Health (The Execution)

- UN & WHO Consultant / Medical Officer
- MacArthur Foundation Fellow
- Systems thinking and independent leadership

The Digital Architect

Islamic Studies (The Foundation)



- B.M.A.I.S. Candidate (Final Semester, IOU)
- Diploma in Islamic Studies
- Level 5 Dawah (Messengers of Peace Academy)

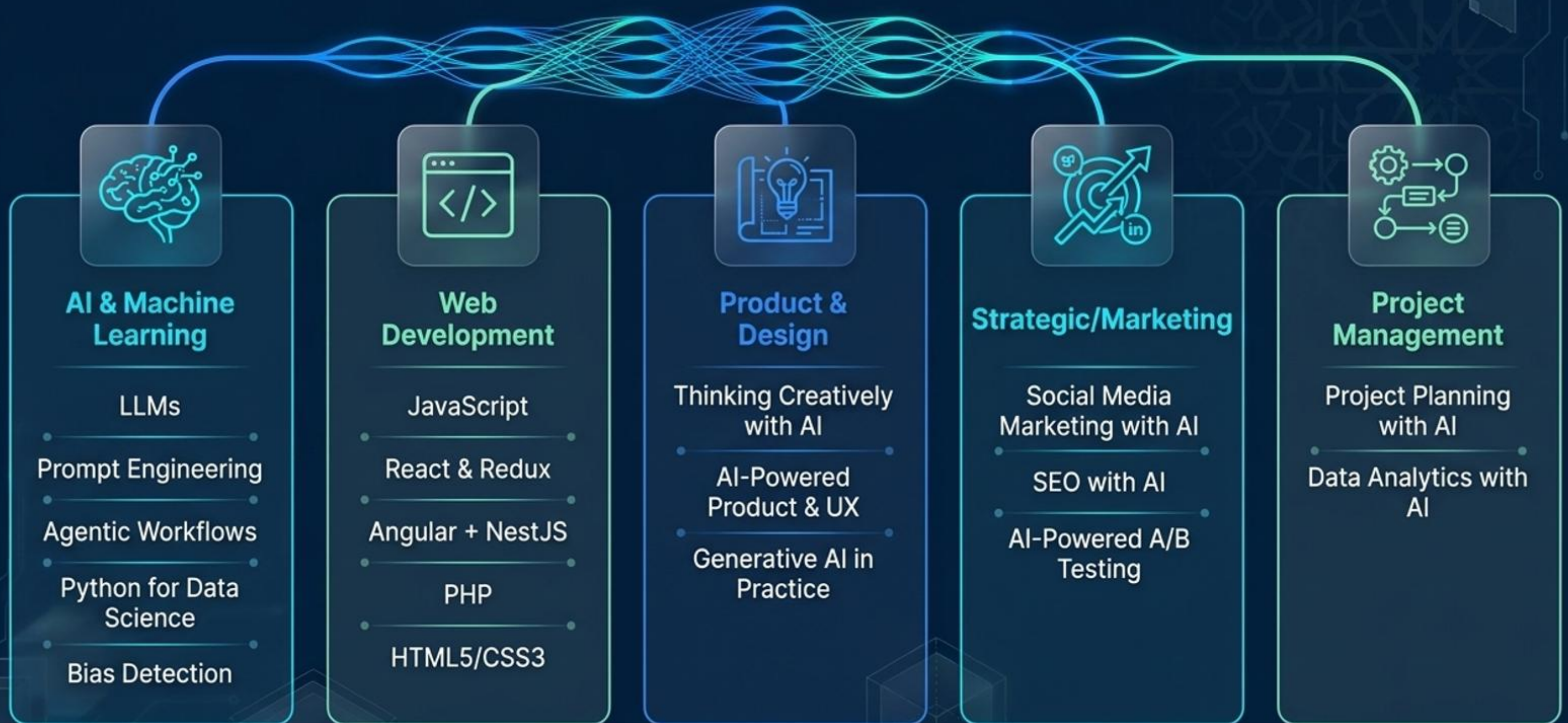


Technical Architecture (The Engine)

- 45 IT & AI Certifications
- Full-Stack Developer (React, Python, Angular)
- AI/LLM Workflow Integration

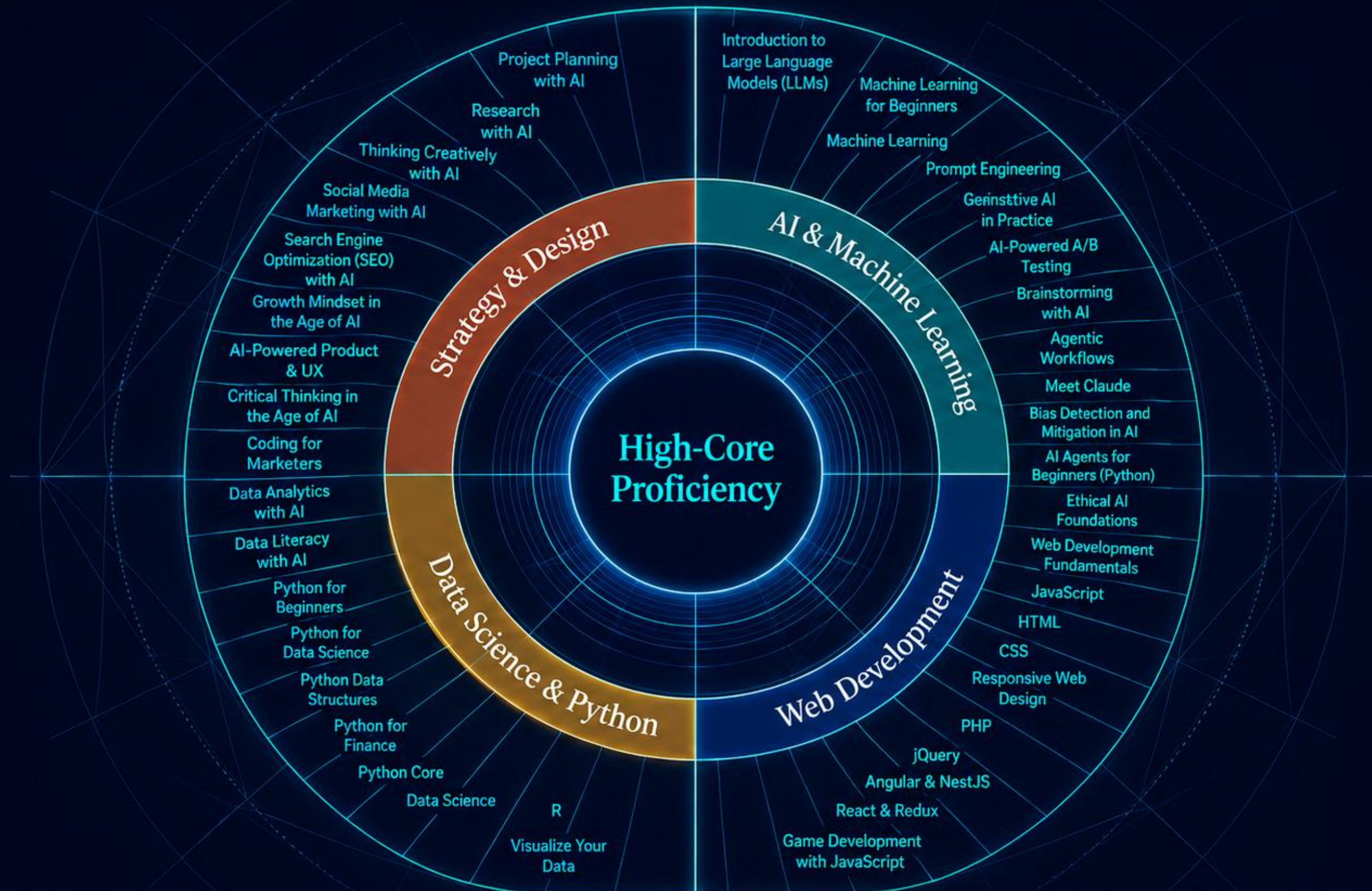
Authentic Knowledge + Scalable
Technology + Flawless Execution

The Knowledge Base: 45+ Advanced Certifications



<https://cvemrafi.vercel.app/skills>

The Core Competency Engine Driving the Ecosystem.



The Alignment Matrix:

AI-Balagh Requirements vs. Candidate Capability

AI-Balagh Requirements

Candidate Capability

Ulama, Alimat, and students of Islamic knowledge given preference.



B.M.A.I.S. (Bridge to Masters in Islamic Sciences) Candidate at IOU.

Backend / Frontend Developer & AI Specialist.



45 + IT Certs spanning React, Python, PHP, JS, Machine Learning, and LLMs.

Tech-friendly and eager to learn.



Deployed 23+ distinct freeware apps and 49 interactive web engines.

Able to work independently with sincerity and responsibility.



Former UN/WHO Consultant; MacArthur Fellow; Managed massive FBO networks.

AI-Balagh Requirement Vs Competency Matrix

	AI & ML	Web Development	Digital Marketing	PM & Admin	Creative Design
Academic Administrator	45%	20%	30%	90%	40%
Campaign Manager	50%	40%	95%	85%	75%
Backend/Frontend Developer	60%	99%	20%	40%	30%
Digital Marketing Specialist	65%	55%	98%	60%	80%
Social Media Specialist	70%	30%	97%	40%	85%
Creative Visual Designer	50%	60%	75%	30%	96%
AI/Automation Specialist	98%	75%	60%	70%	50%

STATUS: OPTIMAL ALIGNMENT.
Algorithm detects multi-role coverage from a single human asset.

The Domain Knowledge: Formal Islamic Scholarship

A developer for an Islamic Academy must understand the nuances of the Deen to build authentic tools.

B.M.A.I.S. (Current)

Presently in his final semester completing the Bridge to Masters in Islamic Sciences at IOU.

D.I.S.

(Diploma in Islamic Studies):
International Open University
(Banjul, The Gambia).

Level 5 Dawah

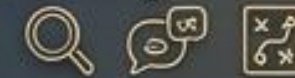
Completed advanced foundational training at the Messengers of Peace Academy.

This formal academic background ensures all frontend apps and backend algorithms are aligned with authentic Islamic principles and educational methodologies.

The Technical Architecture: Full-Stack Capability

The Strategy - Growth

SEO with AI, Social Media Marketing,
Project Planning



The AI/Data Layer - Future Ready

LLMs, Prompt Engineering, Machine
Learning, Generative AI, Data Analytics



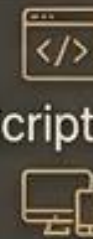
The Backend - Logic & Data

Core Python, Data Structures,
PHP, Nest JS



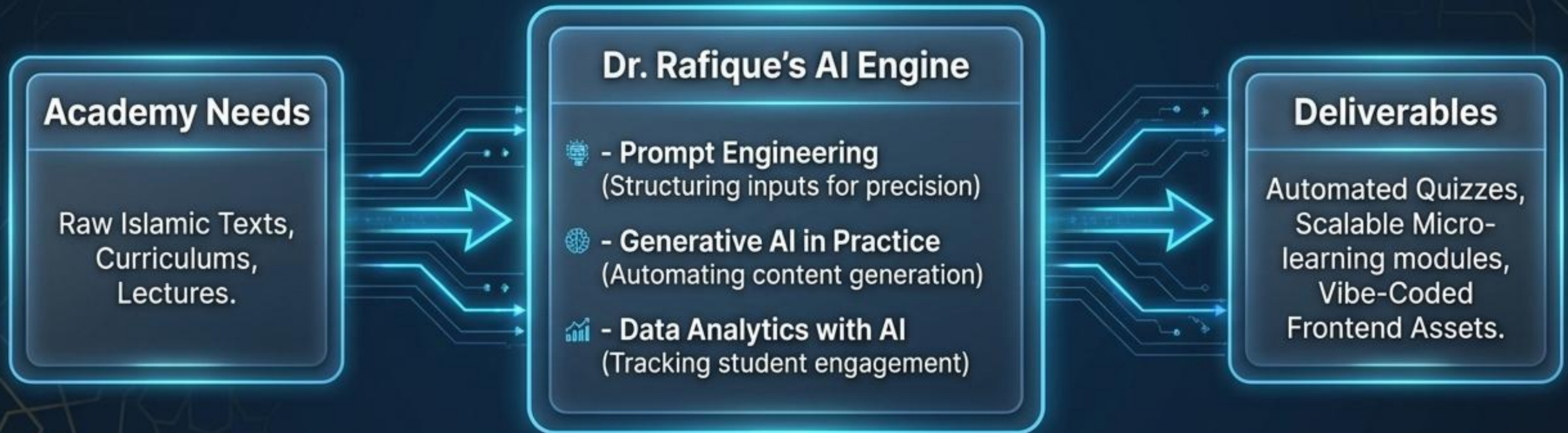
The Frontend - User Experience

React & Redux, Angular, jQuery, JavaScript,
HTML/CSS, Responsive Web Design



Over 45 formal IT
certifications
validating an ability
to architect, build,
and deploy robust
educational
platforms
independently.

Future-Ready AI & Automation Integration



Equipping Al-Balagh Academy to scale authentic knowledge using state-of-the-art Large Language Models and Machine Learning.

The AI-Powered Application Ecosystem

Open-Source & Freeware Driven:

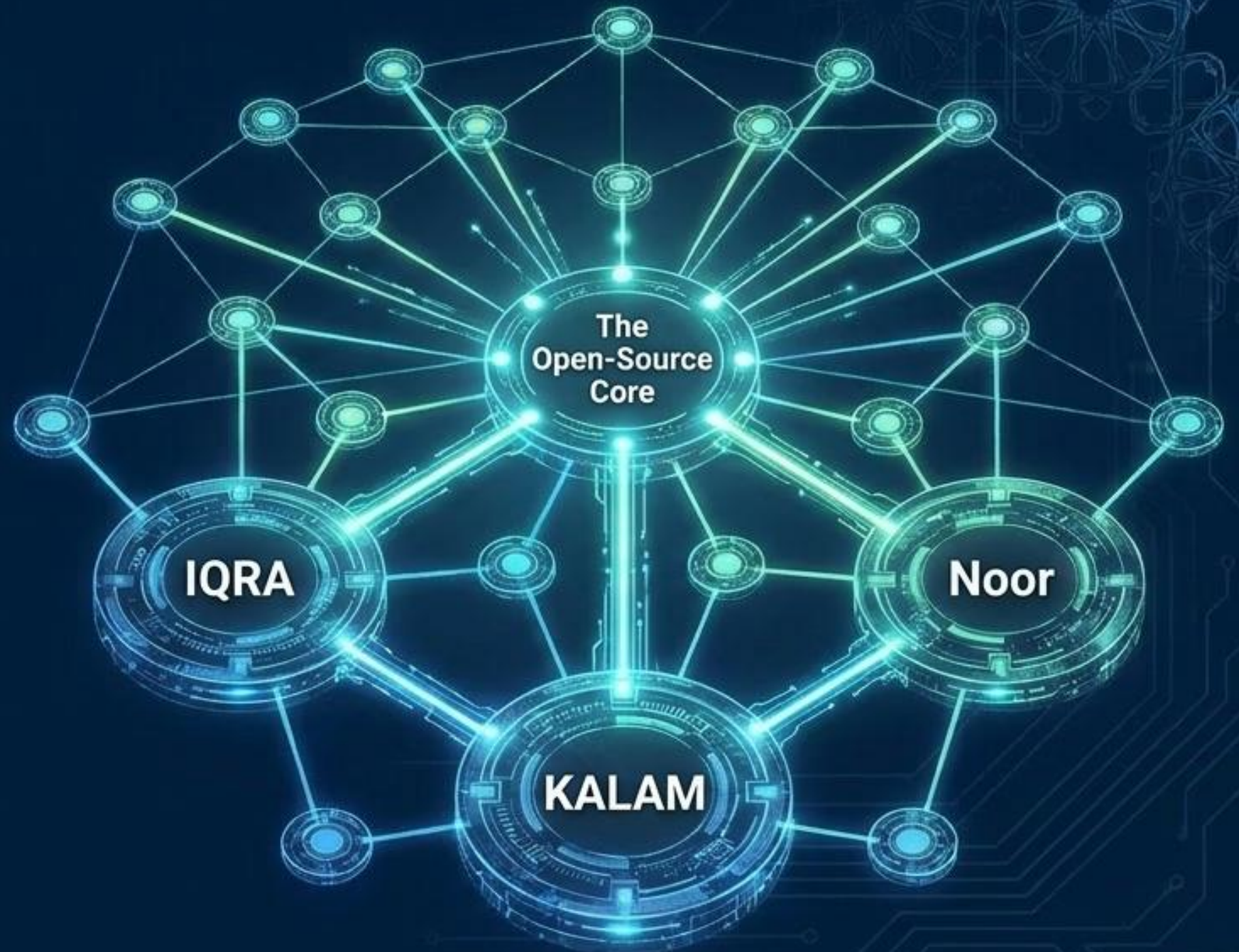
Built for global accessibility and community contribution (hosted on public GitHub repos).

The Big Three:

Three flagship freeware platforms addressing education, social welfare, and ethical dialogue.

The Mission:

Transforming humanitarian and faith-based challenges into opportunities for digital unity.



The Builder: 23+ Open Source Apps Deployed

All applications developed voluntarily as freeware tools designed to serve community and educational needs.



Spiritual Engines

KALAM, Noor

Gamified Education

IQRA, Barzaq



23+ Mobile/Web Apps &
49 Knowledge Management
Web Engines.



Community Utilities

Jamath (Masjid Collab App)

Clinical/Health

ACLS Protocol Trainer,
NCD Estimator



<https://cvemrafi.vercel.app/apps>

Deep Dive: Spiritual & Knowledge Engines

Title: KALAM (Know Allah by Lighting up Activities of Mirth)

Function: An interactive Islamic spiritual development application.

Academy Value: Demonstrates ability to translate core theological concepts into engaging digital user experiences.



Title: Noor

Function: Natural Open Objective Resource for comparative religious perspectives.

Academy Value: Showcases capability in building robust information architectures for complex religious studies.

<https://v0-kalam.vercel.app/>

Deep Dive: Gamified Islamic Education

Feature 1: IQRA (Islamic Quiz Rivalry App)



- **Mechanism:** Educational engagement and knowledge testing.



- **Use Case:** Can be instantly adapted for AI-Balagh course assessments and student retention.

Feature 2: Barzaq (Journey Through the Afterlife)



- **Mechanism:** Thematic educational exploration.



- **Use Case:** Proves the ability to build immersive narrative-driven educational experiences, moving beyond standard text-based learning.

IQRA: AI-Driven Competitive Knowledge

Tech Stack Highlights: Python (Backend AI logic) + React (Interactive UI).

Core Mechanics: Competitive quiz challenges, dynamic leaderboards, and achievement badges.

Strategic Impact: Leverages healthy competition and AI-generated complexity to dramatically improve the retention and recall of authentic Islamic knowledge.



<https://iqrar.vercel.app/>

KALAM: AI-Powered Gamified Learning



Key Insight: Harnessing the inherently addictive nature of digital gaming and redirecting it beneficially toward community education and social responsibility.

Noor: Objective Interfaith AI Chat

The Capability:

Live, bilingual AI chat agents providing factual, unbiased information regarding various faiths and non-faiths.

The Safeguard:

Algorithmic bias detection and ethical framing implemented via advanced prompt engineering and agentic workflows.

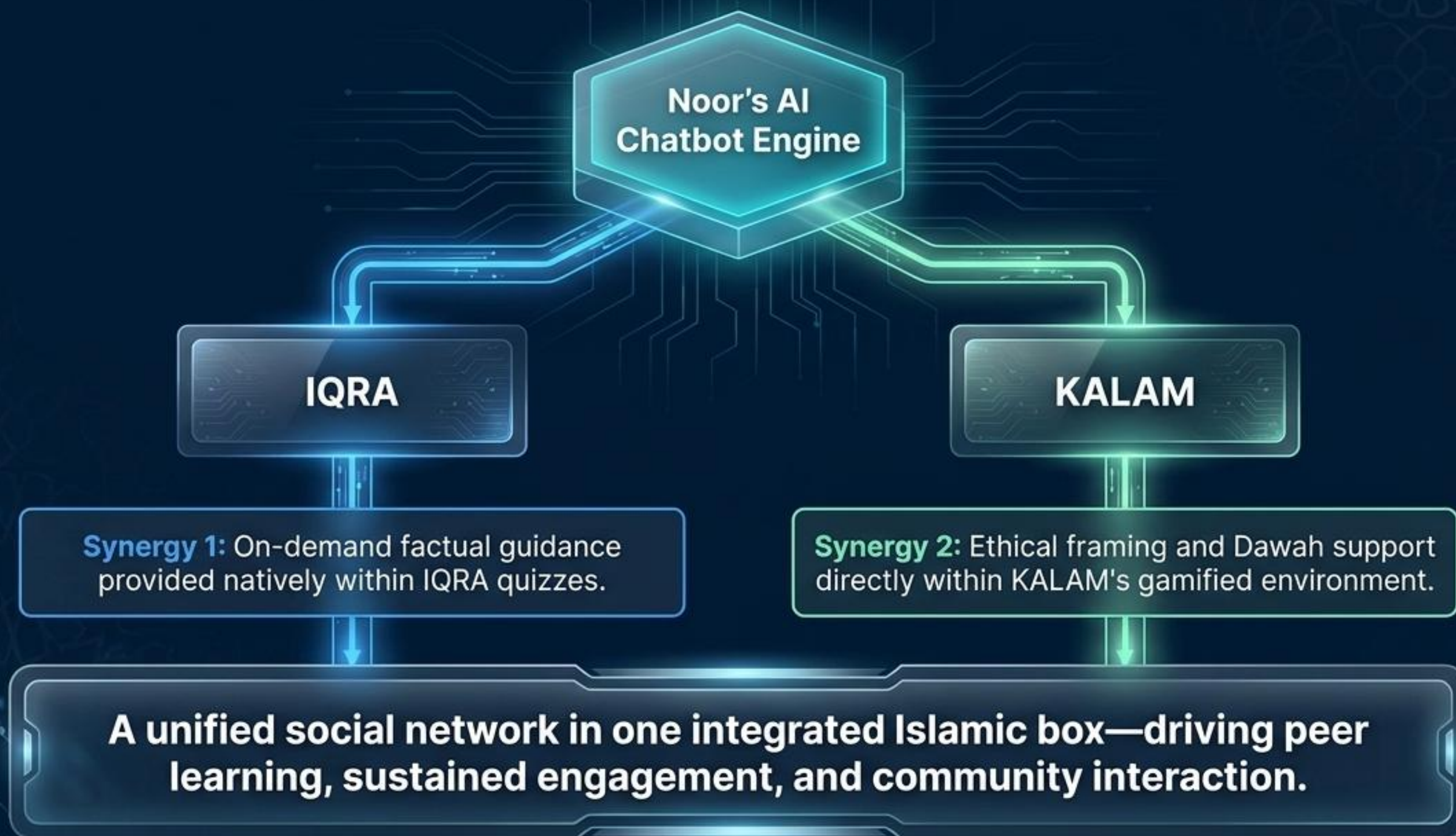
The Result:

A highly reliable Dawah tool that bridges cultural divides, reduces bias, and promotes genuine interfaith understanding.



<https://v0-noor-liard.vercel.app/>

Inter-App Synergy: The Integrated Ecosystem



App-to-Masjid Transfer: Digital to Physical Impact



IQRA



KALAM



Noor

Ramadan-1446 March 2025						
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
				?	1 Al-Baqurah 2:1 to 2:37	2 2:38 to 2:76
3 2:77 to 2:408	4 2:77 to 2:408				8 2:38 to 2:76	
11 2:275 to Al-Imran 3:15	12 3:16 to 3:53				16 An-Nisa 4:1 to 4:23	
17 4:24 to 4:54	18 4:55 to 4:87	19 4:88 to 4:113	20 4:114 to 4:147	21 4:148 to 176 Al-Maidha 5:1 to 5:23	22 5:24 to 5:82	23 5:83 to 120 Al-Anam 6:24
24 6:25 to 6:111	25 6:112 to 6:365	26 Al-Araf 7:01 to 7:87	27 7:88 to 7:163	28 7:164 to 7:206 Al-Anfal 8:01 to 8:40	29 8:41 to 8:75 At-Taubah 9:01 to 9:31	30 ?

Group knowledge sessions post-Tarawih based on app content.

Recommended & Optional Ramadan Congregational Practices		
No.	Practice	SA Level
1	Iktikaf or Retreat (last 10 days)	1 Aware
2	Fajr or Dawn prayers	2 React
3	Dohar or Noon prayers	Occasionally
4	Asr or Afternoon prayers	Occasionally
5	Maghrib or Sunset prayers	Occasionally
6	Isha or Night prayers	Occasionally
7	Optional: Sunnah prayers	Occasionally
8	Optional: Sunnah prayers	Occasionally
9	Maghrib or After Sunset Prayers	4 Act Continuously
10	Optional, Suhoor & Iftar	4 Act Continuously

Some data from a Community SA data in Apr 2024 by Key Participants

Implementation of CLCP Self-Assessments to empirically track a community's growth across ten core practices.

Technology built not to keep users on screens, but to empower them to physically build and measure their community.

The Transformative Potential

Individual Empowerment:
Deepened knowledge and
critical thinking.

Intra-Community Cohesion:
Unity through authentic,
shared sources.

Inter-Community Dialogue:
Neutral, respectful ground for
diverse conversations.

Proactive Social Impact:
Real-world humanitarian action
driven by digital organization.

A scalable, ethically-guided, and open-source blueprint
for a united, digitally empowered Ummah.



The Engine Room: Interactive Web Modules

A curated suite of modular HTML educational games, evaluative quizzes, and algorithmic calculators ready for deployment.



<https://cvemrafi.vercel.app/#interactive-web>

Strategic Advantage Banner

Plug-and-play architecture allows for rapid integration of evaluative tools into Al-Balagh's curriculum.

The Gravity of Independent Leadership

Operating flawlessly at the highest levels of global implementation.



UNAIDS Moderator

Built and managed an e-community of 4,000+ members to formulate National Policy.



Global Leadership

Autonomous Execution Engine



WHO Cardio-Vascular Officer

Managed multi-district health data networks and COVID-19 knowledge protocols.



MacArthur Foundation Fellow

Recognized for leadership development.

A senior professional accustomed to autonomous, high-stakes knowledge management.
Al-Balagh gains a developer who requires zero micromanagement.

The Flywheel of Digital Da'wah

Global Implementation (Output)

UN/WHO-level project management ensures apps are shipped reliably to global learners.

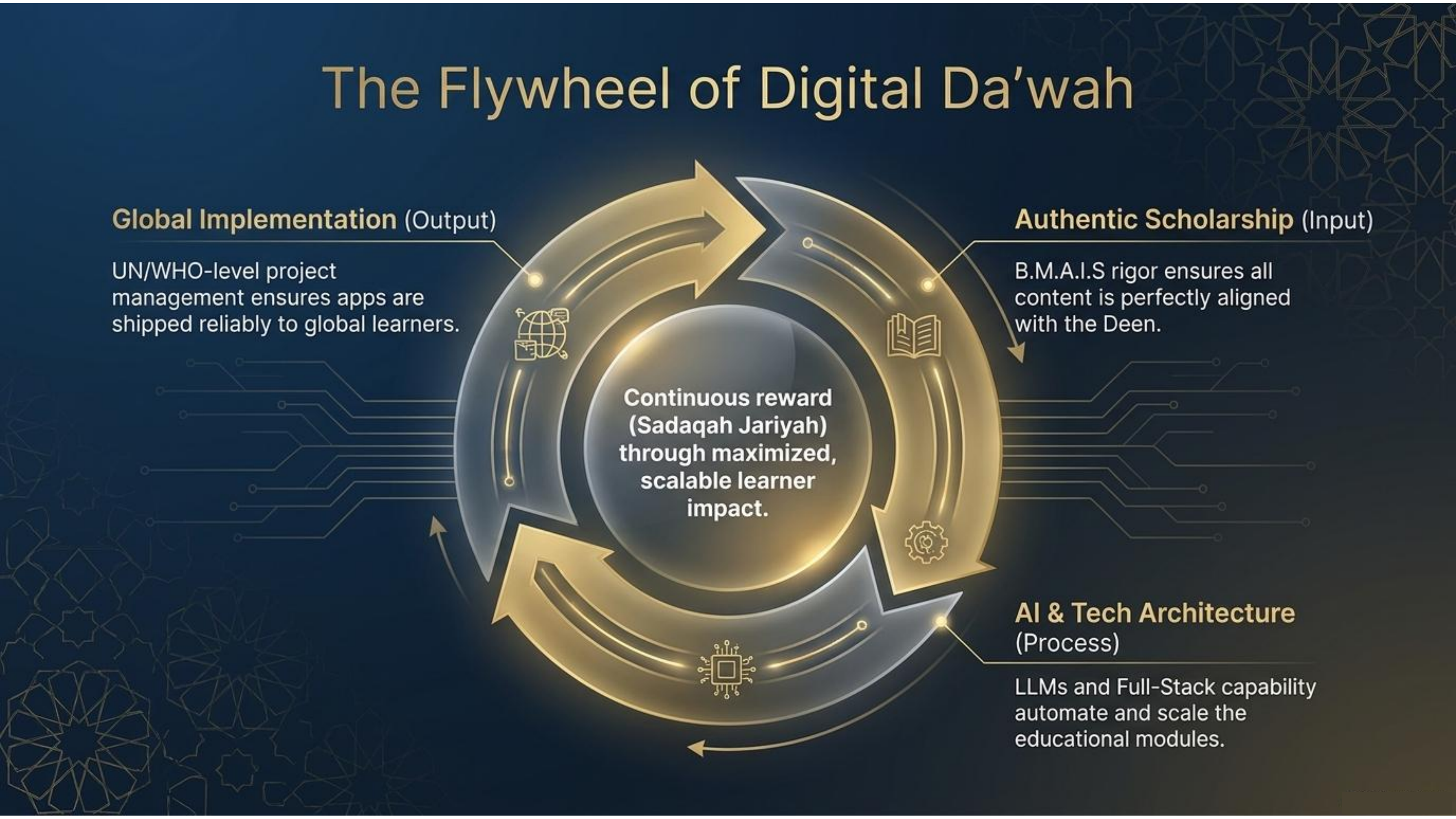
Authentic Scholarship (Input)

B.M.A.I.S rigor ensures all content is perfectly aligned with the Deen.

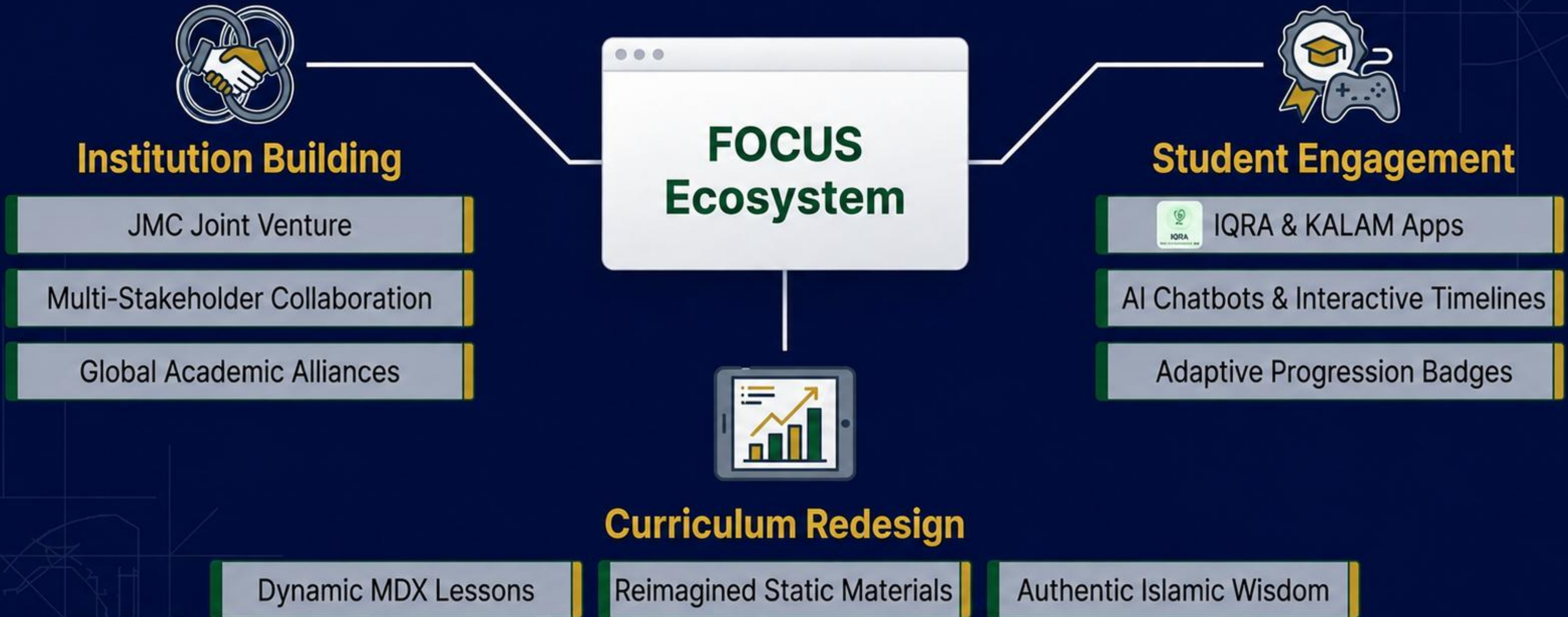
AI & Tech Architecture (Process)

LLMs and Full-Stack capability automate and scale the educational modules.

Continuous reward
(Sadaqah Jariyah)
through maximized,
scalable learner
impact.



Leadership & Educational Innovation: The FOCUS Vision



<https://v0-focus-fawn.vercel.app/>

Translating academic strategy into digital-native reality.

BCDC ARCHITECTURE: BRIDGING TECHNOLOGY, PSYCHOLOGY, AND FAITH

Showcasing Multidisciplinary Expertise in Building a Professional-Grade Digital Resource Library

STRATEGIC FRAMEWORKS & PSYCHOLOGY



The Prophetic Pause (IEI)

An Emotional Intelligence framework for anger mastery integrated into Islamic psychology resources.

The COPE Technique

A strategic framework utilized to navigate eleven distinct types of online dawāh encounters.

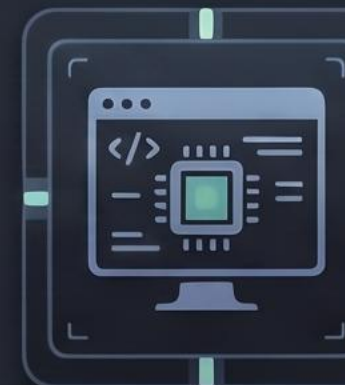


Dawah Psychology Field Guide

Navigating setbacks and sustaining sincerity through a structured, Prophetic centered psychological approach.



PLATFORM ARCHITECTURE & CURATION



Sole Platform Development

Responsible for the complete technical development and UI/UX design of the BCDC website.



The Science of Signs

Curating content on bio-mimicry and biological miracles to bridge medical science and faith.



Structured Creed (Aqidah) Support

Organizing a comprehensive library to convey authentic theology to seekers of truth worldwide.

<https://bcdcb.vercel.app/docs>

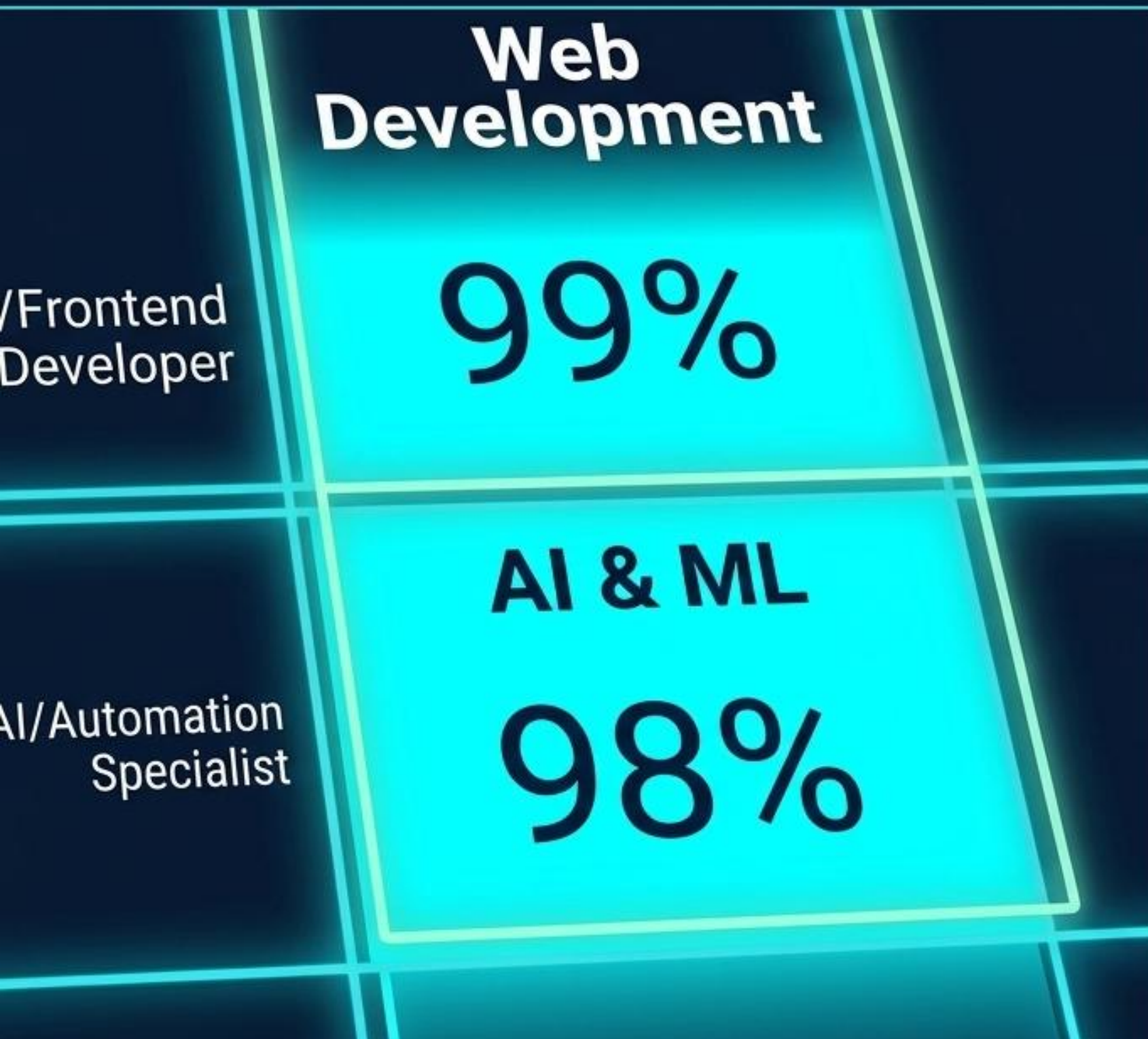
Deployed Apps Vs AI-Balagh Requirement Matrix

	AI & Machine Learning	Web Development	Product & Design	Strategic/Marketing	Project Management
IQRA	98%	85%	75%	65%	70%
KALAM	92%	88%	78%	68%	72%
Noor	94%	90%	80%	70%	74%
Data Harmonization Apps	96%	92%	82%	72%	76%
Backend Systems Apps	89%	98%	84%	74%	78%

Cross-Functional Versatility: Over 23 deployed applications mapped directly to a 40+ skill taxonomy, proving systemic architectural capability.

<https://cvemrafi.vercel.app/skills>

Diagnostic Insight I: High-Core Proficiency

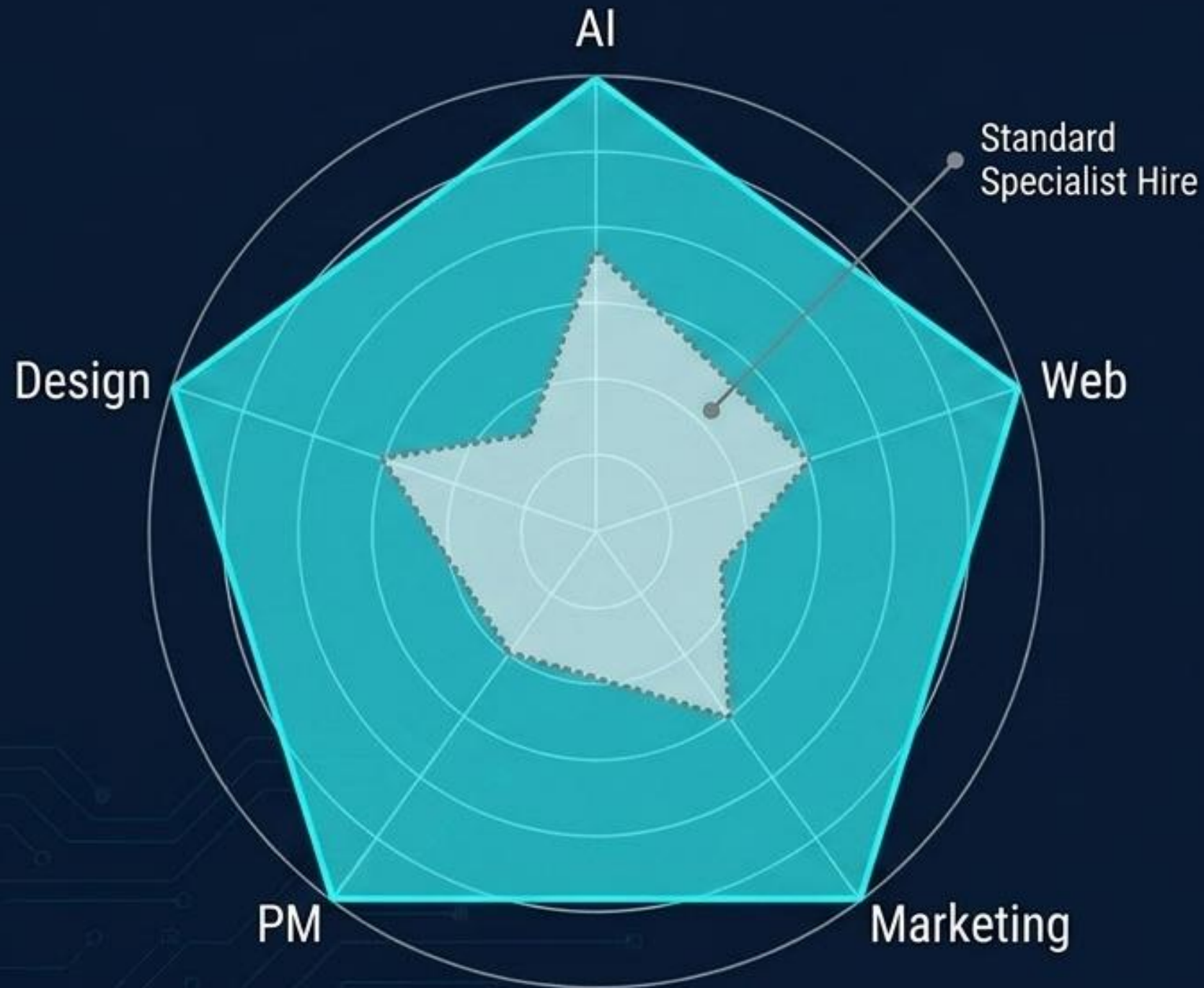


Peak Technical Execution

Python, Machine Learning, and frontend interfaces (React/Angular) demonstrate the highest commonality, peaking at 98% for ML Basics and 99% for Backend Systems.

Actionable Impact: Guarantees AI Balagh possesses the heavy-duty architectural capability to build and maintain robust educational platforms and AI tools in-house.

Diagnostic Insight II: Cross-Functional Versatility



Multi-Disciplinary Coverage

Dr. Rafique's assets cover diverse needs from backend data harmonization to frontend React/Angular interfaces, seamlessly extending into AI-driven SEO, Social Media Marketing, and Creative UX.

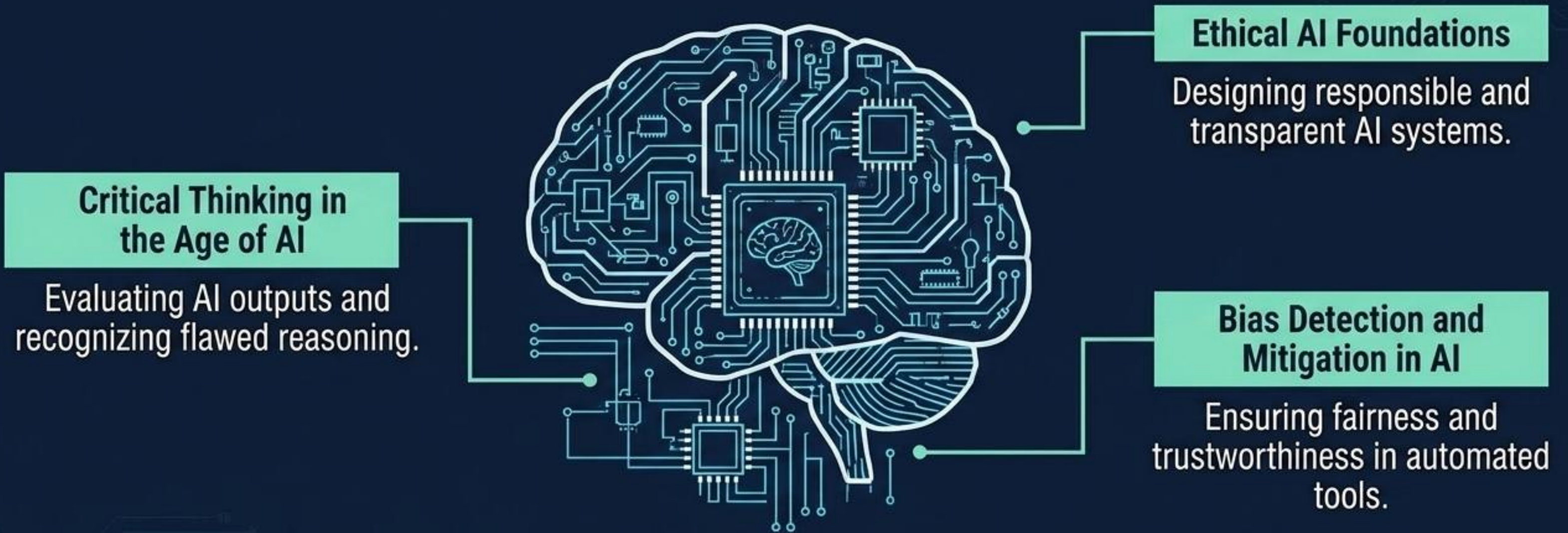
Actionable Impact Box: Eliminates the immediate need for a bloated multi-hire strategy; one asset consolidates campaign management, digital marketing, and visual design.

Strategic Advantage: The Head Start



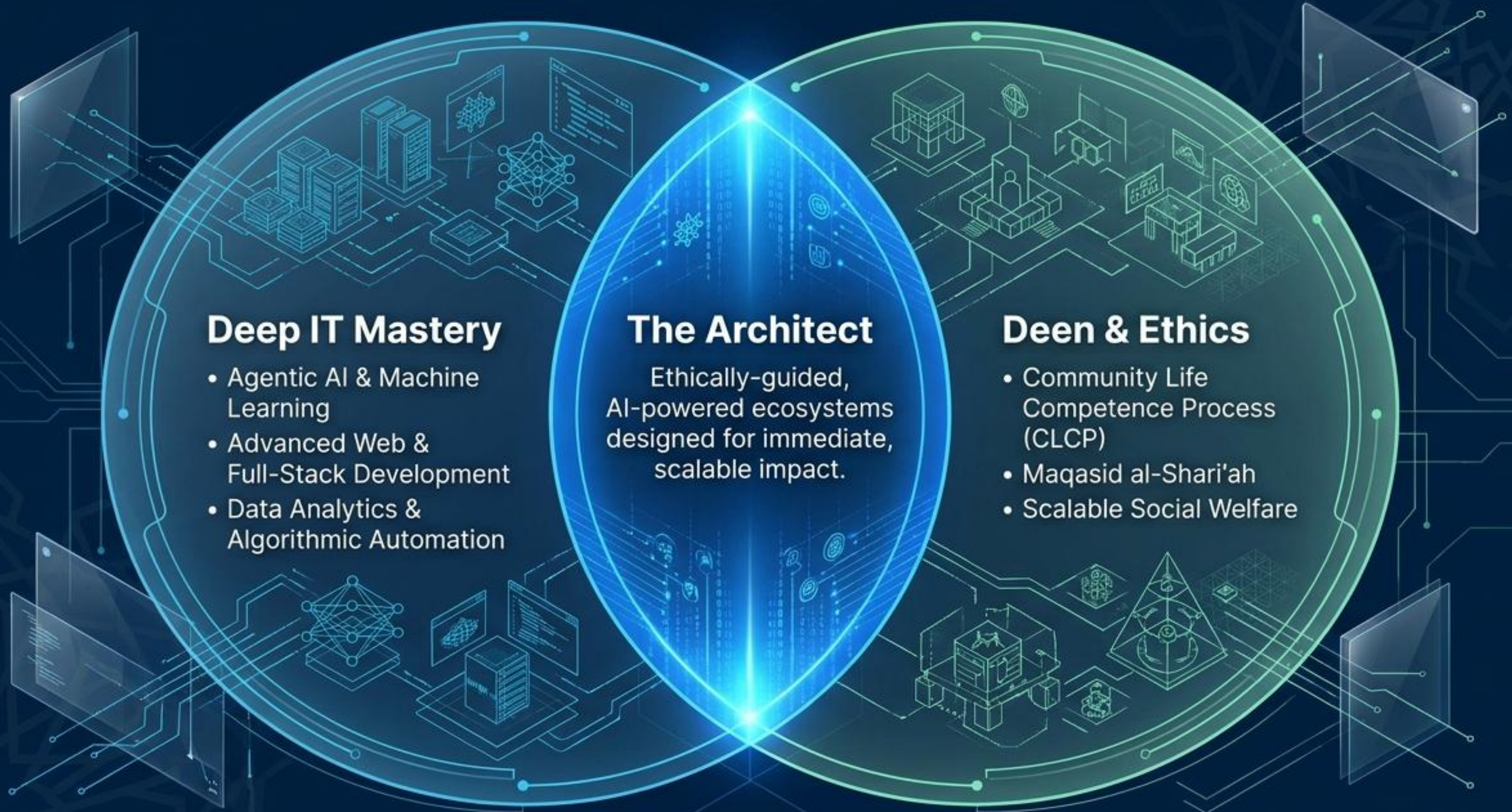
By bringing **45 specialized IT certifications** to the laboratory, Dr. Rafique bypasses months of foundational training, enabling immediate focus on specialized data technologies.

The Ethical & Cognitive Framework



Beyond raw coding, Dr. Rafique possesses the cognitive frameworks required to deploy AI ethically—a crucial mandate for a principled Islamic educational academy.

The Best of Both Worlds



Looking Ahead

My aspiration is that Al-Balagh becomes a global model for tech-enabled, values-based higher education – where innovation, scholarship, and service advance together for the benefit of learners worldwide.

Thank you for your consideration.

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CV at <https://cvemrafi.vercel.app>