

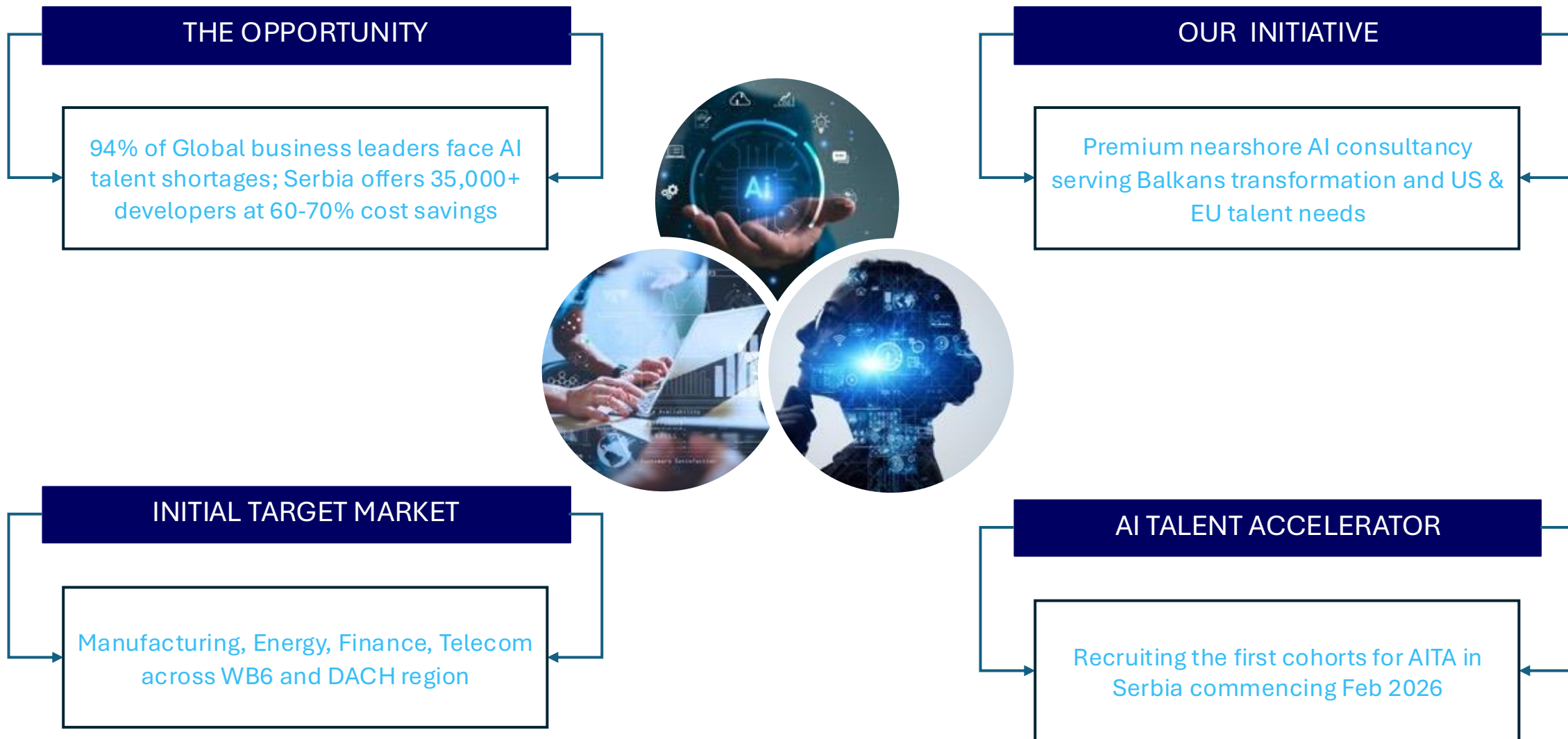


AI TALENT ACCELERATOR (AITA)

HYPERSCALERS + DATA + AI PRACTICE



EXECUTIVE SUMMARY





THE EUROPEAN AI TALENT CRISIS

MAJOR CHALLENGES

- 75-80% of EU employers struggle to fill AI roles
- Germany: 700K unfilled positions, 7M shortage by 2035
- 6+ month hiring cycles in major markets
- 56% salary premium for AI specialists
- Significant brain drain to US

OPPORTUNITY

- EU needs 4.2M AI roles by 2030, only 2.1M supply forecasted

94%

Of business leaders face AI-critical skill shortages

3:1

Global demand exceeds supply



AI TALENT ACCELERATOR

PROGRAM HIGHLIGHTS

- A collaboration of BioIRC & Lumina Digital, Inc.
- Focused on cultivating AI Talent in Serbia; build capacity to support the needs of companies for AI implementation in European and US markets
- 16-week intensive hand-on program, individualized learning plans
- Based out of Belgrade Serbia; applicants must be domiciled in the Western Balkan states.

AREAS OF PROGRAM STUDY

Hyperscalers

Data Intelligence

Gen AI/Agentic AI Technology Stacks

16

Weeks of Learning

10+

Professional Certifications

25+













Platforms & Technologies

PROGRAM FOCUSED ROLES

- Data Analyst, Data Engineer, Generative AI Engineer, Machine Learning Engineer, AI Engineer, AI Security Engineer, Cloud Solutions Architect
- Agentic AI Developer/Engineer, Agentic Data Specialist, AI/ML Cloud Architect (Agentic), AI Agent Engineer, AgentOps Specialist, Multi-Agent Systems Engineer, Agentic AI Evaluation Engineer, Deployed Context Engineer, Agentic AI Business Analyst, Agentic AI Governance Specialists, AI Ethics Specialist, Agentic AI Security Engineer, Agentic AI Product Manager, Agentic AI Solution Architect, AI Deployment Strategist

AI TALENT ACCELERATOR PROGRAM



	LEARNING PATHS	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16
	7 Platform Accreditations (Completed Prior to Start of Training Program)																
	Databricks Data Engineer	Associate			Professional												
	Gen AI Agentic AI	PART 1								PART 2 - Proof of Concept (PoC) Builds							
	Databricks Data Analyst				Associate												
	Databricks Machine Learning							Associate			Professional						
	Databricks Gen AI Engineer											Associate					
	Databricks Spark Developer														Professional		
	AWS Gen AI							Professional									
	AWS Solution Architect									Associate							
	AWS Data Engineer											Associate					
	AWS ML Engineer														Associate		
	AWS Security Specialty													Specialty			





TARGET INDUSTRIES

MANUFACTURING & HEAVY INDUSTRY

Predictive maintenance, quality control, supply chain optimization, CBAM compliance

ENERGY & UTILITIES

Smart grid optimization, renewable energy management, 40% renewable target by 2030

FINANCIAL SERVICES

Fraud detection, credit risk modeling, process automation, regulatory compliance

TELECOMMUNICATIONS

Network optimization, 5G management, customer churn prediction, cybersecurity

AGRICULTURE & AGRI-FOOD

Precision agriculture, supply chain optimization, quality control, yield improvements

TOURISM & HOSPITALITY

Dynamic pricing, demand forecasting, personalized recommendations, revenue optimization



Value Realization in AI



Nenad Filipovic
Vice Director

Email: bioirc@kg.ac.rs
381-69-8449673



AITA

Confidential



Tom M. Gomez
Founder & CEO

Email: tom.gomez@luminitydigital.com
917-242-8260