



HYPERSCALERS + DATA + AI

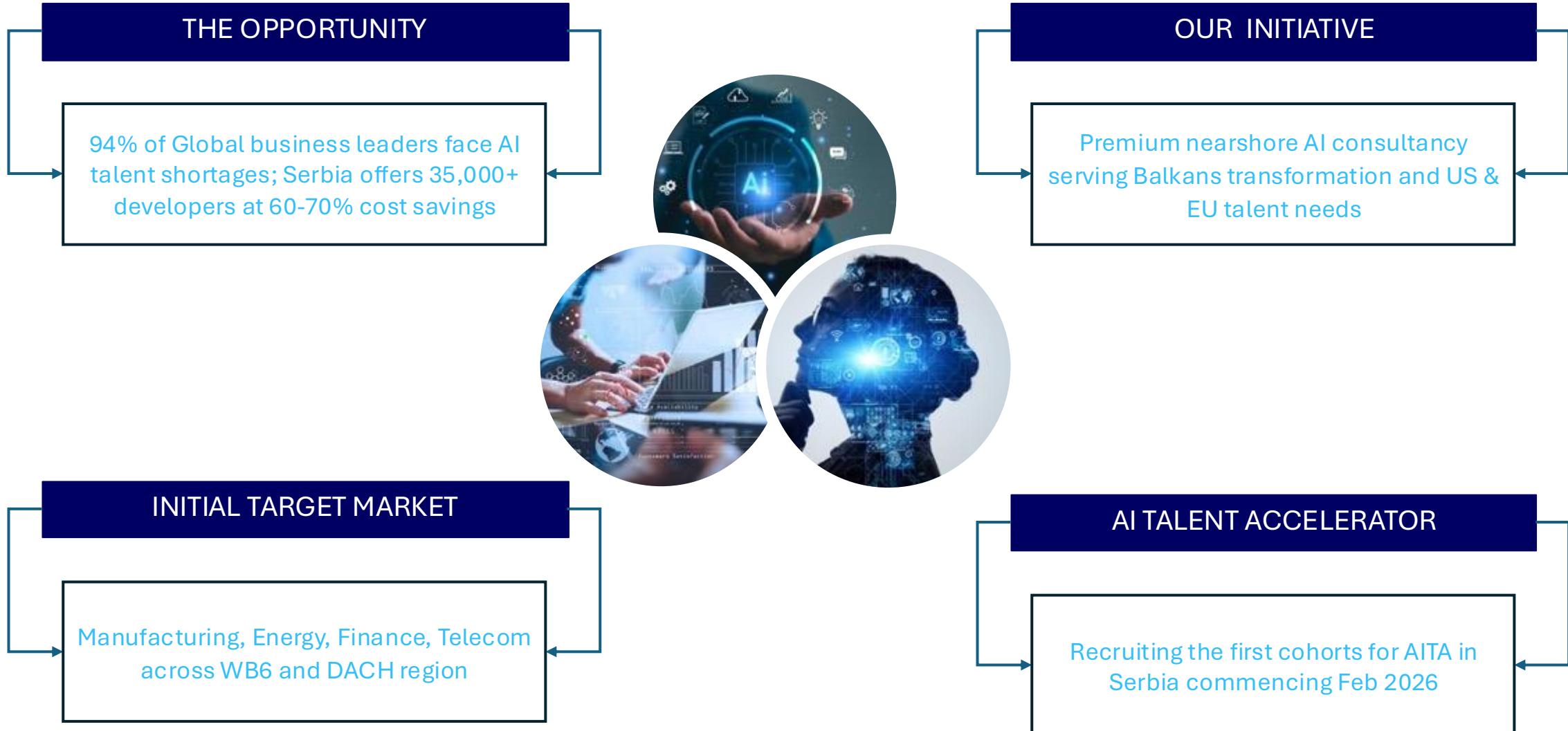


AI TALENT ACCELERATOR (AITA)

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

94%

Of business leaders face AI-critical skill shortages

OPPORTUNITY

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

3:1

Global demand exceeds supply



AI TALENT ACCELERATOR

PROGRAM HIGHLIGHTS

- A collaboration of BioIRC & Luminity 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																
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



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