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AI CAREER LAUNCHPAD
PROPOSAL

Prepared By:

Zenoxx Knowledge Services PVT LTD

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PROGRAM OVERVIEW

The AI Career Launchpad Program is a structured, industry-driven initiative designed to bridge the gap between academic learning and corporate expectations in the field of Artificial Intelligence & Machine Learning.

This program transforms students into job-ready AI professionals through hands-on training, specialization tracks, real-world projects, and placement preparation.
It is built as a collaborative model between universities and industry experts, ensuring students gain practical exposure alongside academic knowledge.

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PROGRAME OBJECTIVES

- Build strong technical foundations in AI/ML
- Enable students to work on real-world datasets and problems
- Provide specialized career tracks (CV / NLP / GenAI)
- Prepare students for placements with structured guidance
- Improve overall placement outcomes and salary benchmarks

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OUR CLIENTS

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PROGRAME STRUCTURE

The program follows a 6-phase progressive learning model:

PHASE 1 : BASIC PYTHON

- Variables, data types, loops
- Functions and problem solving
- Lists, dictionaries
- File handling

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PHASE 2 : ADVANCED PYTHON

- Lambda, map, filter
- OOP fundamentals
- Exception handling
- Modular programming

PHASE 3 : MACHINE LEARNING (STRUCTURED DATA)

- NumPy, Pandas
- Data cleaning & preprocessing
- Data visualization
- Linear & Logistic Regression
- Model evaluation

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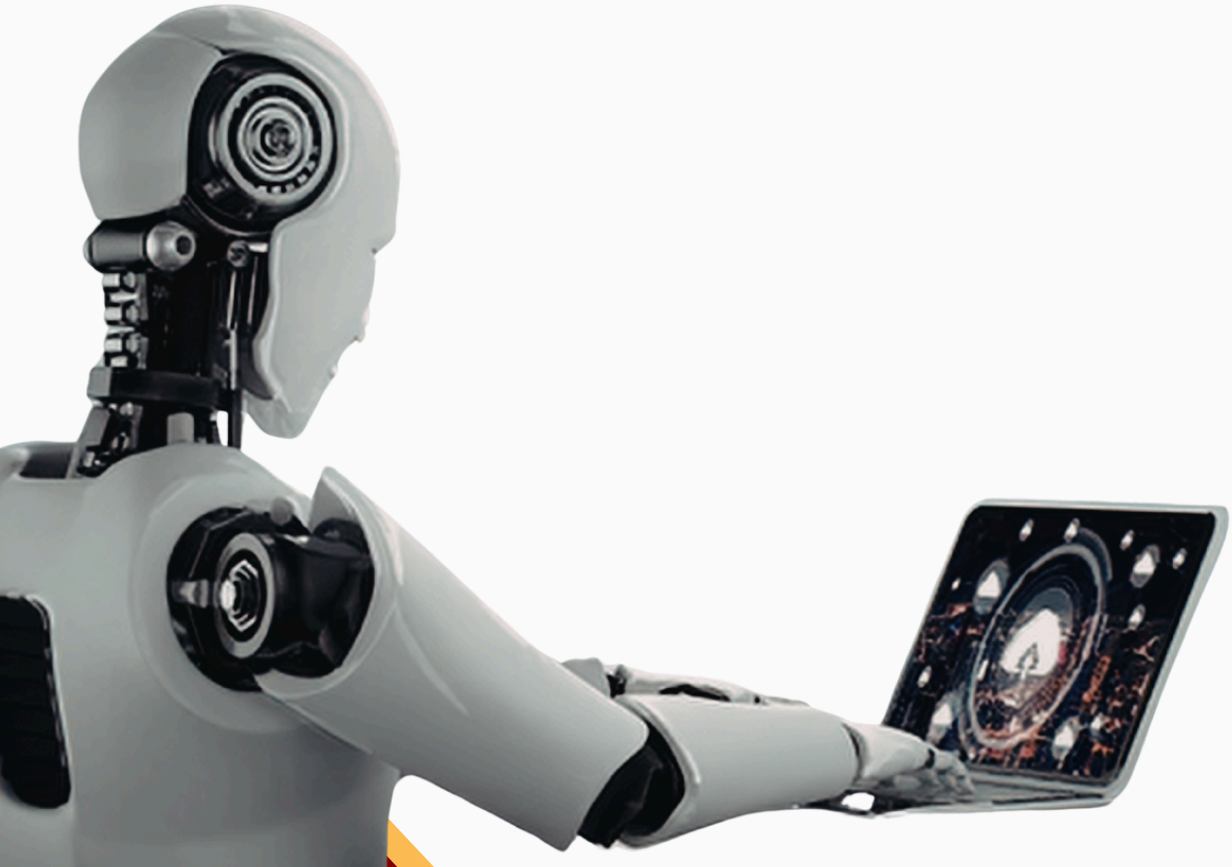
PHASE 4 : APPLIED ML (INDUSTRY BRIDGE LAYER)

- Feature engineering
- Decision Trees, Random Forest, KNN
- Cross-validation & grid search
- Model deployment using Flask



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PHASE 5: SPECIALIZATION TRACKS

STUDENTS CHOOSE ONE CAREER PATH

TRACK A (COMPUTER VISION TRACK)	TRACK B (NLP/GENERATIVE AI TRACK)
Image processing (OpenCV)	Text Processing / TF-IDF
CNN Basics	Transformers (BERT/GPT)
Transfer Learning	Prompt Engineering
Object Detection (YOLO)	RAG Systems/ Tokenization
Video Processing	Chatbot Development

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PHASE 6 : CAPSTONE PROJECT & PLACEMENT READINESS

- End-to-end project development
- Deployment & demo presentation
- Resume building & GitHub portfolio
- Mock interviews & hiring readiness

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PROGRAM
DURATION

- Total Duration: 4–5 Months
- Weekly Commitment: 6–8 hours
- Designed to run alongside academic schedules

Protect reputation

Enhance capabilities

Minimize the risks of data breaches and financial losses from cyberattacks.

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EVALUATION FRAMEWORK

- Continuous Assessment: 30%
- Group Discussions: 10%
- Project Work: 40%
- Final Assessment: 20%

This ensures students are evaluated on practical skills, collaboration, and real-world application rather than just theory.

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PLACEMENT SUPPORT

- Resume building workshops
- GitHub portfolio creation
- Mock interviews (technical + HR)
- Industry hiring connections

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KEY DIFFERENTIATERS

- Industry-aligned curriculum (not academic theory-heavy)
- Hands-on project-based learning
- Specialization in high-demand AI domains
- Deployment-focused training (real-world readiness)
- Structured placement preparation support

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EXPECTED OUTCOMES

By the end of the program, students will:

- Build 2–4 industry-level projects
- Gain hands-on experience with real datasets
- Deploy working AI/ML applications
- Specialize in Computer Vision or NLP/GenAI
- Become interview-ready professionals

As outlined in the program, students transition from beginners to industry-capable AI engineers

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IMPACT
FOR UNIVERSITIES

- Improved placement rates (15–35% increase)
- Enhanced institutional brand value
- Stronger industry partnerships
- Increased student engagement & enrollment appeal

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COLLABORATION MODEL

We propose a University–Industry Partnership Model:

UNIVERSITY RESPONSIBILITIES:

- Student onboarding
- Infrastructure support
- Academic alignment

OUR RESPONSIBILITIES:

- Curriculum delivery
- Trainers & mentors
- Project guidance
- Placement preparation

LET's CONNECT

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We would be happy to collaborate with your institution to implement this program and enhance student employability in the AI-driven economy.

+91 9560809008

1517, 15th Floor, Devika towers, Nehru Place, New Delhi, India, 110019

corporate@Zenoxxknowledge.com

www.zenoxxknowledge.com