

STUDENT FULL NAME

B.Tech: Artificial Intelligence & Machine Learning | [Your Institution], [City]

student.name@email.com | +91-XXXXXXXXXX | linkedin.com/in/studentname | github.com/studentname | studentname.github.io/portfolio

PROFESSIONAL SUMMARY

B.Tech (AI & ML) graduate with a verified, GitHub-documented portfolio of 8 end-to-end Exploration projects spanning Python and mathematics for AI, classical ML, deep learning and computer vision, NLP and data pipelines, LLMs and reinforcement learning, agentic and physical AI, and a deployed ML capstone, built to solve real industry, village, state, national and SDG-linked problems.

TECHNICAL SKILL SET

Languages & Mathematics	Python, C++, SQL, NumPy, linear algebra, probability & optimisation
Machine & Deep Learning	scikit-learn, PyTorch, TensorFlow/Keras, XGBoost
Vision & Language	OpenCV, YOLO, Hugging Face Transformers, spaCy
LLMs & Agents	LoRA/PEFT fine-tuning, RAG, LangGraph/CrewAI, MCP, vector databases
MLOps & Cloud	MLflow, Docker, Kubernetes, FastAPI, SageMaker/Azure ML
Physical & Edge AI	ROS 2, NVIDIA Jetson, ONNX/TFLite, sensor fusion

PROJECT PORTFOLIO: 8 SEMESTER EXPLORATIONS (E1–E8)

Sem	Exploration Project	Core Tech Stack	GitHub Repository
I	E1: [Project Title]	Python, NumPy, Jupyter	github.com/studentname/SEM1-project
II	E2: [Project Title]	Python/C++, SQL, pandas	github.com/studentname/SEM2-project
III	E3: [Project Title]	scikit-learn, Expert Systems	github.com/studentname/SEM3-project
IV	E4: [Project Title]	PyTorch, OpenCV, FastAPI	github.com/studentname/SEM4-project
V	E5: [Project Title]	Hugging Face, Spark, Airflow	github.com/studentname/SEM5-project
VI	E6: [Project Title]	LoRA/PEFT, RAG, Gymnasium	github.com/studentname/SEM6-project
VII	E7: [Project Title]	LangGraph/CrewAI, ROS 2, Jetson	github.com/studentname/SEM7-project
VIII	E8: [Capstone Title]	Full-Stack + Cloud + MLOps	github.com/studentname/SEM8-capstone

GLOBAL CERTIFICATIONS

- PCEP – Certified Entry-Level Python Programmer (Python Institute)
- HackerRank Problem Solving (Data Structures) certificate
- Microsoft Certified: Azure AI Fundamentals (AI-900)
- NVIDIA DLI: Fundamentals of Deep Learning
- AWS Certified Machine Learning Engineer – Associate
- Generative AI with Large Language Models (DeepLearning.AI)

EDUCATION

B.Tech, Artificial Intelligence & Machine Learning
[Your Institution], [City]

20XX – 20XX | CGPA: X.XX / 10

E-PORTFOLIO

studentname.github.io/portfolio