

SHRIDIPA DHAR

GitHub: <https://github.com> — Portfolio: <https://portfolioshridipa.vercel.app>

Phone: +91 84206 22939 — Location: Bhubaneswar, India

Email: धार.श्रिदिपा@gmail.com — LinkedIn: <https://linkedin.com>

SUMMARY

Computer Science undergraduate specializing in Artificial Intelligence and Machine Learning. I engineer automation solutions that increase workflow efficiency by 60% using neural networks and natural language processing. I lead technical projects within Agile environments and focus on building scalable machine learning models that solve real-world document processing and recommendation challenges.

EDUCATION

KIIT University, Bhubaneswar

Aug 2024 – May 2028

Bachelor of Technology in Computer Science (AI and ML)

CGPA: 8.63

Relevant Coursework: Data Structures, Algorithms, Object-Oriented Programming, Neural Networks, Deep Learning, Natural Language Processing, Database Management Systems, Discrete Mathematics, Operating Systems.

SKILLS

- **Programming:** Python, Java, C++, SQL, Bash shell scripting, HTML/CSS, JavaScript.
- **Machine Learning:** NLP, Deep Learning, Scikit-learn, PyTorch, Pandas, NumPy, Data Visualization, TensorFlow.
- **Tools/Frameworks:** Flask, Streamlit, UiPath Robotic Process Automation (RPA), Git, REST APIs, Agile Scrum.

PROFESSIONAL EXPERIENCE

Edunet Foundation & AICTE (IBM SkillsBuild)

Dec 2025 – Jan 2026

AI/ML Intern

Remote

- I **engineered** predictive machine learning models using Whisper and Hugging Face, which increased prediction accuracy by 18% across diverse benchmark datasets during my tenure.
- I **formulated** 15+ rigorous testing protocols for model validation, achieving a 95% verification rate while documenting technical architecture for seamless developer handovers.

UiPath Automation Project

Jan 2025 – Jun 2025

Student Developer

- I **spearheaded** an automation initiative within a 5-member team, identifying critical process bottlenecks to reduce manual effort by 30% through Robotic Process Automation.
- I **orchestrated** the development of three core automation modules using UiPath for seamless system integration.

PROJECTS

LecGen AI: Lecture to Study Material Tool

[\[GitHub Link\]](#)

- I **built** a comprehensive machine learning tool that converts audio lecture recordings into structured study notes, reducing manual effort by 60% compared to traditional manual note-taking methods.
- I leveraged OpenAI Whisper for transcription and Hugging Face Transformers for automated summarization, deploying the final application as an interactive tool using the Streamlit framework.

MoodMorph: Sentiment Recommendation System

[\[GitHub Link\]](#)

- I **designed** a recommendation engine that boosted product suggestion accuracy by 25% by implementing emotion-based sentiment mapping for individual user profiles and behavioral segments.
- I processed large-scale datasets using Random Forest to identify user patterns and personalize product delivery.

CERTIFICATIONS & ACHIEVEMENTS

- **Certifications:** UiPath Developer Associate (2026), Harvard CS50x Introduction to Computer Science, Harvard CS50 AI with Python (2025).
- **Achievements:** I achieved a **Black Belt in Karate (2024)** after 5+ years of training, demonstrating discipline. I also solved 100+ algorithmic problems during the **CodeSprint 2.0** marathon.