

Eshita Kundu

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Summary

Final-year CSE student (CGPA: 8.8) building production agentic AI systems – most recently **ARIS**, a multi-agent decision-support tool live at aris.eshita.dev, built on a self-hosted fork of **Heym**, an open-source workflow engine.

Education

Sister Nivedita University

B.Tech in Computer Science and Engineering

Jun 2022 – Jun 2026

CGPA: 8.8 / 10 (Through 7th Semester)

Technical Skills

Languages: Python, SQL

GenAI & Agentic AI: LLM agents, DAG-based agent workflow orchestration (Heym), MCP (Model Context Protocol), NVIDIA NIM APIs, deterministic-scoring & agent evaluation design, prompt & context engineering

Data Engineering: dbt, Snowflake, AWS S3, Apache Airflow, ELT Pipelines, PostgreSQL

Analytics & BI: Apache Superset, Tableau, Power BI, Excel, Streamlit, scikit-learn

Tools & Infra: Docker, CI/CD, Git, REST APIs, Node.js/Express, MongoDB, UiPath (RPA), Oracle VBCS

Work Experience

Employability.life (XPMC Program) – Federation University Australia [[Certificate](#)]

Sep 2024 – Nov 2024

Experiential Learner – RPA Developer & Business Analyst

Kolkata, India

- Cut manual data-processing time by **10+ hours/week** and reduced error rate by **70%** by designing and deploying **UiPath RPA workflows** for Excel-based reporting.
- Authored **Process Design Documents (PDDs)** for automation pipelines, delivering them across Agile sprints with direct stakeholder communication.

Projects

ARIS – Technology Adoption Intelligence (aris.eshita.dev) [[Live](#)] [[GitHub](#)]

2026

Heym (self-hosted fork), Python, LLM Agents, NVIDIA NIM, GitHub/OSV/Tavily APIs

- Scores software dependencies across **6 weighted dimensions** and emails a verdict-backed Adoption Brief, running as a **7-branch parallel agent DAG** on a self-hosted fork of Heym; a **repo-aware Stack Compatibility agent** parses target-repo manifests (PEP 621/503) to flag competing dependencies across **7 project archetypes**.
- Eliminated context-overflow failures across all 7 agent branches by building a custom **PythonExec** node into the Heym engine for inline scoring and MCP payload compression.
- Enforced a strict **deterministic-scoring / LLM-narrative separation** so every numeric score comes from audited Python, not the LLM. Deployed end-to-end (Cloudflare Pages + Tunnel, Docker) to aris.eshita.dev.

MCP Driven DevOps Orchestration Hub [[GitHub](#)]

2025 – Present

Docker, OpenClaw, Telegram Bot, MCP, CI/CD

- Fully containerized and sandboxed the **OpenClaw** LLM agent in Docker, hardening CI/CD execution for isolated, secure pipeline runs within a team-built DevOps system.
- Integrated a **Telegram bot** with **MCP skill routing** for natural-language CI/CD triggering and automated log-summarization, replacing manual job-status checks.

Achievements

2nd Place – BRICS-FS-36 Data Analysis & Visualization [[Certificate](#)] | *WorldSkills, Russia, Dec 2024*

- Ranked **2nd globally** in an 8-hour analytics challenge; end-to-end analysis and dashboards using **Python, Excel, Tableau, Streamlit**.

EL Excellence Award – Top 50 Learner [[Award](#)] [[Citation](#)] | *Federation University Australia, Feb 2026*

- Selected among **Top 50 Learners** globally; citation co-signed by COO, Federation University Australia and CEO, Employability.life.

Certifications

Applied ML in Python [[Certificate](#)]

University of Michigan, Apr 2025

SQL [[Certificate](#)]

University of Colorado Boulder, Apr 2025

Google Business Intelligence [[Certificate](#)]

Google, Mar 2024

Oracle Visual Builder (VBCS) [[Certificate](#)]

Oracle, 2026