

# KRITIKA MUKHERJEE

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## EDUCATION

**Vilnius Gediminas Technical University**  
Bachelor of Artificial Intelligence Systems

Vilnius, Lithuania  
Sept 2024 – Present

## EXPERIENCE

**Communications Manager** — ESN Vilnius Tech

Oct 2025 – Present

- Directed internal and external communications ensuring consistent messaging, improving brand clarity and stakeholder engagement
- Established strategic content calendars aligning messaging with organizational priorities, enhancing campaign effectiveness
- Coordinated multilingual content across platforms to increase inclusivity within international student community
- Implemented targeted social media strategies increasing event attendance and engagement with tech student community

**Student Representative** — Vilnius Tech SA, Faculty of Electronics

Apr 2025 – Present

- Serve as liaison between EDIfu 24/1 study group and Faculty of Electronics administration
- Participate in faculty conferences; vote on key policies and financial reports
- Collaborate with Student Association Senate representatives, Vice Dean, and Dean to represent student perspectives

**Student Mentor** — Erasmus Student Network, Vilnius Tech

Aug 2025 – Present

- Mentor incoming Erasmus students on cultural integration and academic adaptation
- Organize community events including welcome tours and cultural exchange programs
- Act as liaison between international students, university departments, and local student bodies

**Big Data Bootcamp Participant** — Accenture

Aug 2025

- Completed intensive training in Apache Spark, Hadoop, ETL pipelines, and data lake architecture on AWS/Azure
- Built scalable data pipelines and applied ML models to large datasets for predictive analysis
- Collaborated in agile teams on industry-simulated projects using Python and BI tools

**Cloud & DevOps Trainee** — EPAM Systems

May 2025 – July 2025

- Completed hands-on training in Docker, CI/CD pipelines, Terraform, and Ansible
- Deployed solutions across AWS, Google Cloud, and Azure; practiced Infrastructure-as-Code

**Founder & President** — Jayii Foundation (NGO)

Aug 2019 – Present

- Established an NGO registered under India Trusts Act focused on welfare for underprivileged communities
- Featured twice in Times of India for social impact initiatives

## PROJECTS

**Integrated COVID-19 Data Analytics Platform**

Aug 2025

- Built scalable Snowflake/AWS platform with ETL pipelines and REST APIs (Flask/FastAPI) for real-time analytics
- Created interactive dashboards (Plotly/Dash) for infection trends; applied forecasting and clustering models

**Dodger Game – OOP Coursework**

May – June 2025

- Developed 2D game in Python/Java applying OOP principles: inheritance, encapsulation, collision detection

## TECHNICAL SKILLS

**Programming & Scripting**  
Python, SQL, Postgres, Bash

**Big Data Technologies**

Apache Spark, Hadoop, Snowflake, ETL, Data Warehousing

**Data Science & ML**

Pandas, TensorFlow, Matplotlib, Feature Engineering, MATLAB

**Analytics & Visualization**

Tableau, Jupyter, Plotly, Excel

**Cloud & DevOps**

Google Cloud, Docker, Git

**Operating Systems**

Linux, macOS, Windows

## SOFT SKILLS

- Leadership
- Active Listening
- Clear Communication
- Collaboration

- Adaptability
- Conflict Resolution
- Problem-Solving
- Creativity

- Critical Thinking
- Time Management
- Cultural Awareness
- Decision-Making