

# MURALI KORIKANA

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LinkedIn | GitHub | Portfolio

## EDUCATION

Dr.M.G.R Educational And Research Institute, Chennai

2023-2027

B.Tech in Computer Science Engineering (Data Science & Artificial Intelligence)

CGPA: 7.59/10

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, SQL, HTML, CSS

**Backend:** Django, FastAPI, Django REST Framework, REST APIs

**Database:** MySQL

**Cloud & Infrastructure:** AWS EC2, Linux, Nginx, Git, GitHub

**AI & Machine Learning:** LLMs, RAG, Prompt Engineering, NLP

**Tools:** Power BI, Tableau, Vercel

## EXPERIENCE

### Co-Founder & Product Engineer — Merzol Technologies

Jul 2025 – Apr 2026

- Co-founded an AI-focused EdTech startup serving 800+ users.
- Built and deployed AI-powered learning platforms using Python, Django, FastAPI, MySQL, and AWS.
- Developed tutoring, quiz generation, video intelligence, and chatbot workflows using LLM APIs.
- Managed backend systems, cloud deployment, and product iteration based on user feedback.

### Innovation Associate — LVL 1 Accelerator

Feb 2025 – Jul 2025

- Conducted market research, competitive analysis, and business opportunity assessments for early-stage startups.
- Assisted founders with technical research and product validation.

### Web Development Intern — IGEN – Institution of Green Engineers

Mar 2024 – Feb 2025

- Developed responsive web interfaces.
- Worked with frontend technologies and gained exposure to deployment workflows.

## PROJECTS

### 1) Merzol School

- Built an online learning platform for CBSE, JEE, and NEET students.
- Reached 800+ users after launch.
- Implemented AI-powered chatbot and VoiceBot features.
- Delivered notes, quizzes, videos, and performance-tracking experiences.

### 2) Merzol Video Tutor

- Built an AI tutoring platform that transforms educational videos into interactive learning material.
- Generated summaries, quizzes, flashcards, and tutoring assistance from video content.
- Developed backend workflows and APIs using Django-based services.

### 3) SnapLearn

- Built an AI-powered platform that converts YouTube videos into structured learning modules.
- Generated summaries, timestamps, flashcards, quizzes, and key insights using LLM workflows.
- Focused on improving active learning from long-form educational content.

### 4) Resume Analyser

- Developed a resume intelligence platform that analyzes resumes and recommends career-improvement paths.
- Integrated LLM-based feedback, skill-gap analysis, and job recommendations using external APIs.
- Built backend services using Django and MySQL.