

Marvin Remiigius

Associate Software Development Engineer



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PROFESSIONAL SUMMARY

Detail-oriented engineer skilled in backend development, automation, and applied data science. Developed an end-to-end SRT translation platform leveraging context analysis and performance optimization. Passionate about building scalable, intelligent systems that enhance productivity and reliability.

PROJECTS

Fraemi SRT Translator App | Full Stack Application

Oct 2025

- Built a full-stack automated translation tool, reducing manual subtitle editing time by **40%** for media production workflows.
- Engineered a custom parsing algorithm to handle timestamp synchronization, achieving **99.9%** accuracy in text extraction from raw SRT files.
- Scaled application to process **500+** lines of subtitles per minute by integrating optimized third-party Translation APIs.
- Deployed solution to **3+** dubbing studios in Tamil Nadu, streamlining post-production for regional media projects.

Link: github.com/Marvin-Remiigius/Fraemi-SRT-Translator-App

Tech Stack: Python, Gemini API, Node, Flask, Fast API, Git

ML Model Comparator & Tuning Tool | Machine Learning Engineering

- Developed a centralized ML pipeline to train and compare **5+** algorithms simultaneously, cutting model selection time by **60%**.
- Implemented real-time hyperparameter tuning features, improving model F1-Scores by an average of **15%** across test datasets.

Link: github.com/Marvin-Remiigius/Model-Comparing-Tuning-Tool

Tech Stack: Python, Streamlit, Scikit-learn, Seaborn

INTERN EXPERIENCE

Fraemi Vision

Chennai, India

Data Analyst Intern

Dec 2023 – Present

- Automated revenue and ROI reporting scripts using Python, saving **10+ hours** of manual data entry work per week.
- Designed dynamic performance dashboards, driving a **20%** increase in operational alignment with business strategic goals.
- Optimized data collection workflows in collaboration with cross-functional teams, increasing data accuracy by **30%**.

Larsen & Toubro

Remote / Hybrid

Data and Content Analyst Intern

Jul 2025 – Aug 2025

- Analyzed engagement metrics for **100+** course modules, identifying structural gaps that led to a **15%** revision in content strategy.
- Processed large-scale learner datasets to generate quality insights, contributing to a **10%** uplift in user retention metrics.
- Presented data-driven findings to stakeholders via visualization tools, directly influencing platform quality improvements.

EDUCATION

Panimalar Engineering College

Chennai, India

Bachelor of Technology in Information Technology (Grade: 8.2)

2023 – 2027

Indian Institute of Technology - Guwahati

Remote / Online

Associate's Degree in Data Science and Analytics (Grade: 8.5)

Feb 2025 – Oct 2025