Marvin Remiigius

Software Engineering Intern

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PROJECTS

Fraemi SRT Translator App | *Full Stack Application*

− 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 2024 – May 2025*

− 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   *Chennai, India*
Data and Content Analyst Intern   *Aug 2025 – Sept 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*

BMC Matric Hr Sec School   *Tuticorin, India*
Higher Secondary Education (Grade: 9.0)   *2022 – 2023*