Luis E. Vivar

[AI / ML Engineer]

+1 (954) 643 - 2889 | info@luisvivar.com | GitHub: luisvivart | LinkedIn: luisvivart | Website: LuisVivar.com

Professional with 6+ years of experience with an extensive software engineering trajectory and a strong foundation in data visualization and analytics. Successfully integrated ML techniques, reducing incident response times by 42% and enhancing federal resource mobilization. Skilled in leveraging fine-tuned LLMs to improve data-driven decision-making, aiming to apply expertise in AI to drive innovative solutions.

SKILLS

Python, R, JavaScript, AI, LLMs, Fine Tuning, Gradio, Prompt Engineering, Diffusion Models, Gen AI, SQL, Pandas, Numpy, Matplotlib, Folium, Seaborn, PyTorch, SciKit-Learn, Google Cloud Platform, AWS, Rest APIs, Machine Learning, Data Analysis, Data Visualization, Data Engineering, Deep Learning

RELEVANT WORK EXPERIENCE

Software Engineer ‖ Juvare - Atlanta, GA (Aug. 2022 - Present)
- Integrated NLP auto-tagging & geospatial heat-maps for federal client, cutting incident "need-to-action" time 42% (4.8 h → 2.8 h) and speeding federal resource mobilization by ~30%.
- Leveraged fine-tuned LLMs to enhance performance and data-driven decision-making processes.
- Built USCP's coordination system for the presidential inauguration, enabling real-time crowd updates that improved route decisions by 15% and supported a zero-incident operation.

Software Engineer ‖ The 3RD Eye - Miami, FL (Oct. 2021 - Dec. 2022)
- Delivered 5 custom analytics dashboards that increased client campaign ROI by an average of 23% within three months.
- Built ETL pipelines with Apache Airflow, ingesting 3 TB of social-media and web-scraped data nightly, reducing data-prep time from 6 hours to 30 minutes.
- Optimized 20+ SQL queries, achieving 30% faster page loads (under 2 seconds) and driving a 15% increase in user engagement.

Software Developer ‖ Dan Marino Foundation - Ft. Lauderdale, FL (Aug. 2020 - Sep. 2021)
- Implemented a custom event tracking to uncover churn segments, raising the repeat-donor rate to 9% and increasing the average donation size from 15 to 19 USD.

Junior Developer ‖ Cardone Enterprises - Aventura, FL (Aug. 2018 - Aug. 2020)
- Created weekly KPI dashboards for 30+ sales reps; insights drove a 12% increase in quarterly training-subscription revenue (approx. 250,000 USD).

EDUCATION

Master of Science (M.S.) in **Data Science** ‖ University of Colorado at Boulder (2022 - 2024)

Bachelor of Arts (B.A.) in **Data Visualization** ‖ IGAD Universitario (2011 - 2015)