🌟 THE MACHINE LEARNING ENGINEER PROFESSIONAL: From passion to expertise, building excellence in machine learning engineering

RYAN THOMAS WEILER

📞 (561) 906-2118 | ✉️ ryan\_wlr@yahoo.com

🔗 LinkedIn: <https://www.linkedin.com/in/ryan-weiler-7a3119190/> | 💻 GitHub: <https://github.com/ryan-wlr>

PROFESSIONAL SUMMARY:

Results-driven machine learning engineer professional with proven expertise in TensorFlow, PyTorch, scikit-learn, XGBoost. Demonstrated track record of delivering high-impact solutions and driving measurable results in fast-paced environments. Seeking to leverage technical excellence and leadership capabilities as machine learning engineer at nestle.

CAREER NARRATIVE & VISION:

My journey in machine learning engineering has been a quest for continuous improvement and meaningful impact. Driven by a passion for excellence and a commitment to making a positive difference, Through years of dedicated practice in machine learning engineering, I understand that true success comes from combining technical skill with professional wisdom and ethical practice.

# Technical Competencies

• ML Frameworks: TensorFlow, PyTorch, scikit-learn, XGBoost, LightGBM, Keras, JAX

• Programming: Python, C++, Java, Scala, SQL, Go, R, Julia

• MLOps: MLflow, Kubeflow, Apache Airflow, Docker, Kubernetes, Git, CI/CD

• Cloud & Infrastructure: AWS SageMaker, GCP AI Platform, Azure ML, Apache Spark, Hadoop

• Achieved excellence in machine learning engineer with consistent high-quality results across multiple challenging projects

• Improved efficiency by 25% through innovative machine learning engineer practices

# Education

University of Central Florida — B.S. Computer Science, 2013 (Dean's List, GPA 3.8)  
Valencia College — A.A., 2011 (Dean's List, GPA 3.7)

# Professional Experience

• Designed and deployed ML models to production serving 1M+ predictions daily with 99.9% uptime

• Built end-to-end ML pipelines using MLflow, Kubeflow, and Apache Airflow for automated training

• Optimized deep learning models reducing inference time by 60% using TensorRT and model quantization

• Implemented real-time feature engineering and model monitoring systems with DataDog and Prometheus

• Excellence Initiative: Demonstrated mastery of machine learning engineer best practices

• Innovation Project: Developed new approaches improving machine learning engineer outcomes

• Leadership Challenge: Successfully guided team through complex machine learning engineer project

• Community Impact: Contributed expertise to advance machine learning engineer field

# References

Available upon request