CALEB PRINCEWILL NWOKOCHA

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PROFESSIONAL SUMMARY

Experienced Power Platform Developer adept at architecting scalable solutions, developing model-driven applications, and establishing governance frameworks to ensure secure and efficient operations. Demonstrated ability to collaborate with stakeholders, analyze requirements, and manage complex platform challenges throughout the solution lifecycle.

TECHNICAL EXPERIENCE

Power Platform Developer – Microsoft

- Collaborated with project stakeholders to analyze, understand, and document hackathon requirements.
- Architected and published scalable Power Apps solution in Power Platform secured environment.
- Developed model-driven app and engineered custom CRM entities with XML-based configurations.
- Established best practices for Power Platform governance and configured role-based security models.
- Established best practices to ensure solutions are developed, implemented, and maintained with the most consistent approach.
- Managed platform issues effectively as they occur during the solution life cycle, investigating and resolving complex platform challenges effectively.
- Maintained a trusted advisor role by staying ahead of emerging Power Platform and Azure trends.
- Delivered impactful presentation at the Powerful Devs Conference and Hack Together 2025.

Software Developer – Metamath

- Worked on ClaimGPT250203 repository to create a Generative Pretrained Transformer model for Metamath.
- Designed and implemented a machine learning model in C, translating a Jupyter-based Python implementation into an optimized, efficient C program.
- Developed a custom tokenizer and encoder for vocabulary handling, enabling efficient text processing in a low-level programming environment.
- Engineered a transformer-based neural network with configurable layers and attention heads, optimizing model flexibility and performance.
- Implemented a robust inference engine that generates logical claims based on input prompts, enhancing natural language processing capabilities.
- Optimized model memory management by implementing structured resource allocation, ensuring efficient training and inference execution.
- Designed and structured model training functions to enable encoding, token generation, and backpropagation for adaptive learning.
- Integrated file I/O operations for seamless corpus handling, enabling large-scale text ingestion and efficient data storage.

EDUCATION IN COMPUTING

- University of Manitoba — Winnipeg, Manitoba
  - Bachelor Program in Computer Science — September 2021 – August 2023
- Brigham Young University — Rexburg, Idaho, United States
  - Certificate Program in Computer Programming — September 2020 – September 2021

EDUCATION IN BUSINESS

- Red River College Polytechnic — Winnipeg, Manitoba
  - Certificate Program in Business, Accounting and Management — August 2023 – April 2024