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Professional Summary

Multidisciplinary Artificial Intelligence and Machine Learning Engineer, Independent Software Developer, and Advanced 3D Modeling Specialist with a robust foundation in computational systems and applied AI methodologies. Demonstrates exceptional proficiency in oral and written communication, particularly within technical documentation and vocal presentation contexts. Adept at translating complex technical paradigms into intelligible constructs for diverse audiences, with a demonstrated history of synthesizing innovation, computational efficiency, and design-oriented problem-solving across the domains of AI systems engineering, software development, and digital fabrication.

Core Competencies

- Native proficiency in Canadian English with professional-level communication dexterity

- Technical articulation and professional voiceover delivery for instructional and demonstrative purposes

- Development and deployment of AI/ML systems including natural language processing agents, anomaly detection architectures, and decision-intelligent frameworks

- Autonomous management of freelance technology initiatives across cross-functional domains

- Precision 3D modeling and simulation using Tinkercad, Blender, OpenSCAD, AutoCAD, and Fusion 360

- Production of audio content for scripted, narrative, and expository formats with nuanced delivery

- High-stakes technical presentations and client-facing solution communication

- In-house sound production leveraging a professional recording environment

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Professional Experience

Independent AI/ML Engineer and Technical Voice Consultant
Remote – Canada & India
2018 – Present

- Architected and deployed AI-centric applications involving natural language agents, cybersecurity analytics, and data-intensive inference engines.

- Created and narrated multimedia instructional materials, enhancing stakeholder understanding and user engagement.

- Spearheaded full-cycle project execution including systems design, software

implementation, evaluation, and maintenance with an emphasis on user-centric scalability.

- Facilitated domain-specific translations of machine learning concepts into accessible frameworks for both technical and non-specialist clientele.

Freelance 3D Design and Modeling Expert
Remote – Canada & India
2019 – Present

- Engineered precise parametric models and visualizations leveraging advanced design tools for prototyping, spatial simulation, and high-fidelity rendering.

- Conducted interdisciplinary design engagements bridging technical specifications and aesthetic form in real-time project execution.

- Managed iterative design feedback loops to align engineering constraints with client-defined artistic vision.

- Delivered interactive design presentations and curated recordings to facilitate client understanding of workflow pipelines and design logic.

Selected Projects

- **StockMarket Bot** – Constructed an AI-driven system for real-time financial analytics, utilizing market indicators, trend inference algorithms, and custom forecasting heuristics derived from API-driven datasets.

- **MediLink AI** – Engineered a remote healthcare diagnostic and emergency alert system for underserved regions, integrating Amazon SNS, Streamlit web interfaces, and NoSQL databases (DynamoDB) for efficient real-time data flow and alert generation.

- **Unknown AI** – Developed a fully autonomous, context-sensitive chatbot leveraging a custom knowledge base, dynamic intent classification via JSON schemas, and scalable deployment architecture.

- **FraudGuard AI** – Designed and implemented an intelligent cybersecurity assistant using Salesforce Agentforce to detect and report anomalous transaction patterns, with a focus on adversarial defense strategies and phishing detection.

- **Reddit Bot** – Devised and deployed an autonomous interaction agent for Reddit, employing keyword-based trigger logic and sentiment analysis via PRAW and Python for real-time post engagement automation.

Academic Background

Bachelor of Science in Computer Science (Ongoing)
University of Regina — Regina, SK, Canada
Anticipated Graduation: 2028

Vocal and Audio Engineering Expertise

- Native English pronunciation with advanced control of inflection, pacing, and narrative engagement

- Mastery in delivering both conversational and academic tonality across diverse media contexts

- Capable of unscripted elaboration and structured narration with cognitive clarity

- Advanced vocal modulation and emphasis aligned to content mood and purpose

- Technical familiarity with digital audio production environments and external microphone systems

- Extensive experience in producing voice-based demos, technical briefings, and interactive presentations