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Summary

Applied Machine Learning student at Conestoga with hands-on experience in building AI models and web applications. Proficient in Python, ML frameworks, and full-stack development. Seeking a Software Developer (AI) role to contribute to innovative projects.

Skills

- **Languages:** python**,** javascript, typescript, C#
- **Framework and Libraries:** react, redux, Next.js, Node, express, Django, .Net, TensorFlow, PyTorch, Scikit-learn
- **AI and Machine Learning:** Machine Learning, Deep Learning, Natural Language Processing (NLP), Computer Vision, Data Mining, Model Evaluation
- **Database**: MongoDB, PostgreSQL, SQL Server, SQlite
- **Testing**: Jest, Pytest, NUnit
- **Tools and platform**: Docker, Kubernetes

Professional Experience

- **Streaming Operations,** *FLOSPORTS*, Waterloo   **2023 – 2023**

    - Facilitated communication between the executive team and external stakeholders, managing an average of 30 daily requests and communications.
    - Optimized response time to external inquiries by implementing streamlined communication strategies, resulting in a 20% improvement.
    - Orchestrated streaming operations for live events, overseeing a team of 10 and ensuring flawless execution.

        Actual Client: AHL , BCHL …

- **Software Developer 1,** *Mindreams*, Bangaluru **2022 – 2023**

    - Collaborated with a team of 8 developers to architect modern, responsive web applications, following best practices.
    - Drove the development of TIFIN GROUP's client-facing platforms, yielding a 15% increase in user engagement.
    - Implemented performance optimizations, achieving a 25% reduction in page load times for the Louise app.
    - Conducted bi-weekly code reviews, providing constructive feedback to elevate code quality.

        Actual Client – TIFIN GROUP
        Links : https://magnifi.com/ **AND** https://app.meetlouise.com/#/auth.

- **Full Stack Developer,** *Rexweb Solutions,* Mohali **2020 – 2022**

    - Engineered and deployed 15 full stack web applications and static websites for various clients in small and medium-sized businesses.
    - Advised on SEO and social media strategy, resulting in a 30% increase in organic website traffic for mytownhome.ca.
    - Spearheaded the development of e-commerce functionalities for kargologic.au, leading to a 20% boost in online sales.
    - Led a team of 6 developers in designing, implementing, and successfully delivering client projects.

        Actual Client – mytownhome.ca**, kargologic.au etc.**

- **Database Admin,** *Tata Consultancy Services,* Bhubhaneshwar **2018 – 2019**

    - Managed and fortified databases, ensuring accurate storage and retrieval of data for a client portfolio of 20+ databases.
    - Enhanced database performance, realizing a 15% reduction in query response time and improved overall system efficiency.
    - Received client commendation for maintaining a 99.9% database uptime during the tenure.
    - Conducted bi-monthly database performance tuning and optimization sessions, ensuring optimal system functionality.

School Projects: Conestoga

AI Sports narrator (GPT-4v + TTS)
- Real-time Processing For live events, the system needs to process video and generate commentary with minimal latency.
- Natural Language Generation to produce commentary that is coherent, informative, and engaging, mimicking the style of human commentators.
- TTS technology can be used to create different voice profiles, allowing for customization of the narrator's tone and personality.

Anime Emotion Analysis (CNN)
- Applied techniques like random cropping, rotation, and flipping to increase data variability and improve model generalization.
- Create a comprehensive emotion labeling system (e.g., happy, sad, angry, surprised, neutral).

Spectraderm(Convolutional Neural Networks (CNN), TensorFlow/Keras)

- Developed a machine learning model to classify skin diseases based on image analysis. Implemented data preprocessing, model architecture, and evaluation metrics to achieve accuracy metric.
- Contributed to specific tasks: data augmentation, hyperparameter tuning.

RentWise(React, Node.js, MongoDB**)**

- Built a web application for property rentals in the Kitchener-Waterloo area. Implemented user authentication, property listings, search functionality, and payment processing.
- Collaborated with a team to design the user interface and ensure optimal user experience.

Education

- **Applied Machine Learning and AI and Computer Application development** , *Conestoga College* **May 2023- Dec 2024**

  - Achieved Distinction in all subjects, demonstrating consistent academic excellence.

- **Bachelors- Software Engineering**, *SRM University*   **2014 – 2018**

  - Graduated with Distinction, consistently maintaining a high GPA.
  - Actively participated in a university-incubated startup with 1500+ users, contributing to its growth and success.