Emad Ahmad

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SKILLS

Programming: Python, Java, C, GIT, Linux, Javascript, SQL, R, HTML/CSS, Apex, Bash, Typescript
Technologies: Salesforce, Node.js, React.js, Cypress.js, Selenium, Salesforce, MATLAB, PyTorch, Numpy, Docker, AWS, CI/CD
Frameworks and Tools: GIT, SQL, PyCharm, Jupyter Notebooks, Agile, Mixpanel, JSON, Jira, GitLab. Django, MongoDB
Certifications: Salesforce Administrator, Platform Developer, AI Associate, OmniStudio Developer

EXPERIENCE

Cloud SynApps.inc   **Toronto, Ontario**
Software Developer – Salesforce & CRM   *Jul 2024 – Present*
Languages and Tools Utilized: Salesforce, Apex, Java, Javascript, Lightning Web Components, SQL, GIT, Python, AWS, Jira
- Designed and deployed custom **Salesforce** solutions, utilizing **Lightning Web Components**, **Apex** classes, **OmniStudio** tools, and **SOQL** to streamline public sector workflows and enhance user experience, all within an **agile** framework.
- Spearheaded key projects like the City of Kalamazoo CRM integration and the ECARES child care assistance system, improving data migration, automation, and **case management** processes.

Ecomtent.ai   **Toronto, Ontario**
AI Software Engineer   *Jan 2024 – Jul 2024*
Languages and Tools Utilized: Python, SQL, GIT, Pandas, Docker, PyTorch, Tensorflow, Cypress.js, GIT. Jira, GCP
- Accomplished prompt optimization using IntelliBot, harnessing **Python** frameworks like **Pandas**, PyTorch, TensorFlow to train the model effectively, and streamlined model deployment using GCP, **Docker, and GIT** for version control
- Led commercial team, through Jira and Confluence in utilizing proprietary Generative AI to transform product images for e-commerce, significantly enhancing engagement and conversions by **+30% for Amazon Sellers**.

Environment Canada   **Toronto, Ontario**
Software Developer   *May 2022 – Aug 2023*
Languages and Tools Utilized: Python, Linux, HTML, CSS, Bash, React.js, Node.js, Cypress.js, SQL, PSQL, GIT, Gitlab
- Accomplished real-time and archival meteorological and hydrological ETL data processing using **Python**, **Linux**, and Bash, leveraging P**SQL** for database management for the World Ozone and Ultraviolet Data Centre (**WOUDC**).
- Enhanced data submission portals with HTML, CSS, React.js, and Node.js, automated web E2E testing using **Cypress.js**, ensuring improved navigation and streamlined data submission processes by **+30%** compared to previous annum.
- Created business process models, requirements specifications, and maintained data specifications for client engagement and research.

PROJECTS - Used **agile** frameworks like **scrum** to experience work environment situation

Machine Learning ChatBot - *Team Lead*
- Developed a chatbot using **Neural Networks**, **Python**, GIT, PyTorch, and Jupyter Notebook
- Explored Meta AI's LLaMa 2 performance against leading LLMs, contributing insights to LLM discourse and emphasizing fine-tuning feasibility for improved performance

NBA Injury Stat Predictor – Lead
- Developed a **Python** script using linear regression with **scikit-learn** to predict **NBA Basketball player** stats (points, rebounds, assists) based on position, physical attributes, injury status, and current performance

Spotify Playlist Generator – Lead
- Developed a **Python** script integrating **YouTube API, Spotify API**, Pytube, and **Speech Recognition** to extract song names from YouTube links and generate personalized Spotify playlists of similar tracks based on voice analysis.

STEAM Marketplace - *Team Member*
- Used **JAVA** and **GIT** to implement gaming marketplace like "Steam" for users to buy/sell games with Java Swing UI

EDUCATION

University of Toronto   **Toronto, Ontario**
B.S. in Computer Science & Statistics   *Graduation, Dec 2023*
- **Related Coursework:** Data Structures & Algorithms, Objects & Design, Data Science in Sports, Statistics, Computer Organization & Programming, Machine Learning, Artificial Intelligence, Object-Oriented Programming
- **Concentrations:** Teaching Assistant (1st - 3rd year Math and Computer Science courses)
- **Concentrations:** Research Assistant (AI algorithms for analyzing successful learning patterns)
- **Concentrations:** Varsity Basketball Analytics Team Lead & Game Staff