

## Emad Ahmad

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### SKILLS

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**Programming:** Python, Java, C, JavaScript, TypeScript, SQL, R, HTML/CSS, Apex, Bash

**Technologies:** Salesforce, Node.js, React.js, Cypress.js, Selenium, PyTorch, Numpy, Docker, AWS, CI/CD

**Frameworks and Tools:** GIT, SQL, PyCharm, Jupyter Notebooks, Agile, Mixpanel, JSON, Jira, GitLab, Django, MongoDB, FastAPI

**Certifications:** Salesforce Administrator, Platform Developer, AI Associate, OmniStudio Developer

### EXPERIENCE

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#### Cloud SynApps.inc

Toronto, Ontario

*Software Developer – Salesforce & CRM*

Apr 2024 – Present

*Languages and Tools Utilized:* Salesforce, Apex, Java, Javascript, Lightning Web Components, SQL, GIT, Python, AWS, Jira

- Architect and deploy custom **Salesforce** solutions utilizing Lightning Web Components, **Apex classes**, and **SOQL** for Natural Resources of Canada, implementing AI-powered **Agentforce** integrations to enhance user experience and automate workflows
- Lead ongoing development of enterprise CRM applications for government clients, focusing on secure data migration, case management automation, and **AI-assisted** service tools, resulting in **40% reduction in processing time**

#### University of Toronto

Toronto, Ontario

*Full Stack AI Developer*

Sept 2023 – Apr 2024

*Languages and Tools Utilized:* Python, SQL, GIT, Pandas, Docker, PyTorch, Tensorflow, Cypress.js, GIT, Jira, GCP

- Developed Faculty website using **React.js**, **Typescript** and Optimized AI prompts using IntelliBot with **Python** frameworks (Pandas, PyTorch, TensorFlow), streamlining model deployment via GCP and Docker for **version control**
- Led commercial team utilizing proprietary Generative AI for e-commerce product image transformation, 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

- Engineered real-time meteorological **ETL data processing** systems using **Python**, **Linux**, and PSQL for the World Ozone and Ultraviolet Data Centre (WOUDC)
- Enhanced data submission portals with **React.js** and **Node.js**, implementing automated **E2E testing (Cypress.js)**, improving navigation and streamlining data submission by **+30%**

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

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#### Pokémon Battle Simulator | [GitHub](#)

- Developed full-stack battle simulator using **React**, **TypeScript**, and **FastAPI** with responsive UI, animations, and RESTful API backend
- Implemented **object-oriented design** with TypeScript interfaces and Python classes for Pokemon objects, battle logic

#### Machine Learning ChatBot - Team Lead

- Created an intelligent chatbot leveraging **Neural Networks**, **Python**, **PyTorch**, and Meta AI's **LLaMa 2** framework
- Analyzed performance metrics against leading **LLMs**, demonstrating fine-tuning capability for improved accuracy

#### NBA Injury Stat Predictor | [GitHub](#)

- Engineered predictive model using **linear regression** with **scikit-learn** to forecast NBA player performance based on injury status, position, and physical attributes

#### Spotify Playlist Generator – Lead

- Built Python application integrating **YouTube API**, **Spotify API**, and **Speech Recognition** to extract song names and generate personalized playlists based on voice analysis

### EDUCATION

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#### 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 (1<sup>st</sup> - 3<sup>rd</sup> year Math and Computer Science courses)
- **Concentrations:** Research Assistant (AI algorithms for analyzing successful learning patterns)
- **Concentrations:** Varsity Basketball Analytics Team Lead & Game Staff