Aman Arora

React Developer

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https://www.linkedin.com/in/amanar3ra/ | https://github.com/Amanar3ra | https://amanar3ra.github.io/

PROFILE

Highly motivated React Developer with a strong foundation in ReactJS, JavaScript, TypeScript, HTML, and CSS. Skilled in building responsive web applications and integrating backend services. Basic knowledge of React Hooks, and Agile methodologies. Strong problem-solving skills, proactive learning attitude, and excellent communication.

CORE COMPETENCIES

- Trello
- Data Validation
- Computational Geometry
- Data Processing
- Object Oriented Programming
- Information Technology

- Statistical Analysis
- NodeJS
- Machine Learning
- SQL
- GitHub
- Jira

- Seaborn
- Deep Learning
- Big Data
- Tkinter
- Tailwind

Languages: C, C++, Java, React.js, JavaScript, HTML5, Python

Analytics and Data Tools: Excel, Google Analytics, Sagemaker, ELK (Elasticsearch, Logstash, kibana)

PREVIOUS EXPERIENCE

Trainee Technical Support - Persistent Systems   Jul 2023 - Dec 2023

- Had the opportunity to delve into diverse technologies, gaining hands-on experience in **networking, cloud computing, VMware, and Nutanix.**
- Possesses a robust skill set and a comprehensive understanding of tech support intricacies.

Website Manager(Intern) - The Bedroom Boutique   Mar 2024 – June 2024

- Developed and managed the Bedroom Boutique website, successfully optimizing content, maintaining web servers, and delivering exceptional user experiences.
- Consistently exceeded project deadlines by effectively utilizing relevant technical skills, spanning **HTML, CSS, and WordPress**.
- Seeking to leverage expertise in website development and management to contribute to the growth and success of a dynamic organization.
- - https://thebedroomboutiqueltd.com

PROJECTS

Chatbot

- The project aims to improve document retrieval in niche domains, specifically for Humber College's career services webpages. Using a semi-automated query refinement method, the project significantly enhances the accuracy of document retrieval, leading to better user experience and information access.
- I gained practical skills in enhancing user experience and improving information access within the specific context of niche career services information at Humber College.
- The Bot is able to fetch navigation routes up to 98 percent accurately.

- Have published research paper for this project - https://arxiv.org/abs/2412.17075
- Tools Used: **TypeScript, Python, Jupyter Notebook, JavaScript, CSS, HTML**

Weather Flex workout App
- Developed a browser-based fitness application that dynamically suggests exercises based on real-time weather conditions.
- Integrated an AI-powered chat assistant to generate personalized workout recommendations.
- Utilized Next.js and modular React components for a seamless and responsive user experience.
- https://github.com/NSCC-ITC-Winter2025-WEBD5015-700-MCa/webd5015-project-weatherflex-workouts
- Tools Used: **Next.js, React, AI API, Weather API**

Music Player
- A music player application was developed using Python, Tkinter and Pygame, with a MySQL database for storing playlists. It offers core functionalities like play, pause, next, and previous tracks, and is compatible across various devices.
- This project provided a well-rounded learning experience covering GUI development, multimedia programming, database management, and fundamental software development practices.
- Tools Used: **SQL, Tkinter, Pygame Module.**

EDUCATION

Nova Scotia Community College - NSCC , Graduate Certificate, Full Stack Application Development	Sept 2024 – April 2025
Humber College , Ontario Graduate Certificate, Artificial Intelligence with Machine Learning	Jan 2024 – Aug 2024
Indira College of Commerce and Science, Bachelor of Computer Science	Aug 2020 – Jun 2023

CERTIFICATE AND LICENSES

- Organizational Culture - Linkedin
- Cloud Fundamentals - ExcelR
- Apply prompt engineering with Azure OpenAI Service - Microsoft
- Build natural language solutions with Azure OpenAI Service - Microsoft
- Robotics and IOT with arduino - Mechatron Robotics
- Cloud Computing basics - Techademy
- Get Started with Azure OpenAI Services - Microsoft
- Introduction to Generative AI - Google Cloud Training Online
- Azure AI Fundamentals - Microsoft
- Type SCript for JS Developer - Linkedin Learning
- MongoDB for SQL Expert - MongoDB