Yashika Jain

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EDUCATION

University of Toronto, Mississauga (UTM)   *Sept 2023 – Present*
Bachelor of Science in Computer Science and Statistics

TECHNICAL SKILLS

- **Languages:** Python, Go, Java, C/C++, JavaScript, HTML/CSS, Assembly
- **Frameworks/Libs:** React, Node.js, Flask, Streamlit, Pandas, LangChain
- **Tools & DevOps:** GitHub, Docker, Linux, Shell
- **Databases & AI:** MySQL, FAISS, OpenAI GPT3.5, Vertex AI
- **Cloud:** AWS, GCP

CERTIFICATIONS

- GCP Fundamentals for Beginners (Udemy), Mar 2024 – Apr 2024
- The Ultimate React JS Course 2024 (Udemy), Mar 2024 – Apr 2024
- LLM Mastery: Transformers & Generative AI (Udemy), Nov 2023 – Dec 2023

EXPERIENCE

Mathnasium: The Math Learning Center   **Jul 2023 – Nov 2023**
Instructor

- Developed personalized learning plans, enhancing student understanding of math concepts. Provided 1:1 instruction to build strong foundational math skills.
- Cultivated a positive learning environment, promoting enthusiasm and growth in mathematics.
- Collaborated with parents and colleagues to track progress and ensure academic success.

Collabera Inc.   **May 2022 – Jul 2022**
Blockchain Software Intern

- Gained hands-on experience with AWS Cloud, Linux, Go, and Docker while mastering Blockchain and IoT technologies.
- Proposed innovative Blockchain + IoT use cases and demonstrated their integration within cloud environments.
- Contributed to the design of a Revenue Cycle Management (RCM) MVP and led its development into a full AWS Managed Blockchain solution.
- Showcased strong technical execution and leadership by delivering a production-ready blockchain application.

PROJECTS

MeetingMind – AI-Based Service   *May 2024 – Jun 2024*

- Developed MeetingMind, an AI-powered service on Google Cloud Platform that transforms meeting audio into concise summaries and actionable tasks.
- Key features include AI-generated summaries, automated task extraction, Email integration, and sentiment analysis.
- Utilized Vertex AI for summarization, Google Cloud Natural Language API for task identification, and prompt engineering for enhanced accuracy.
- Built with Python for seamless API integration, MeetingMind improves collaboration by ensuring critical meeting details are captured and organized efficiently.
- Skills: Python, GCP, Vertex AI, React, Natural Language API, Prompt Engineering, GitHub

AI EduGuide BOT   *Nov 2023 – Jan 2024*

- Developed a sophisticated AI chatbot for academic queries using OpenAI LLM, LangChain, FAISS, and Streamlit
- This solution not only integrates state-of-the-art AI capabilities but also prioritizes user experience, ensuring both intuitiveness and efficiency in interaction.
- Skills: Python, Streamlit, Flask, OpenAI GPT3.5, LangChain, FAISS, Vector DB, Prompt Engineering, GitHub

Revenue Cycle Management (RCM)   *May 2022 – Jul 2022*

- Designed an end-to-end RCM workflow for the insurance claim process, covering stages from Patient Registration to Charge Capture, Claim Submission, Remittance Processing, Insurance Follow-up, and Patient Collection.
- Utilized Hyperledger Fabric on Amazon Managed Blockchain (AMB) to build and deploy a secure Blockchain network for the RCM workflow on the AWS platform.
- Developed and implemented Smart Contracts using 'Go' language to facilitate interactions between Payers, Patients, and Providers within the Blockchain network, enabling seamless execution of operations.