

SUMMARY

Software Developer with a Master's in Computer Science and 2+ years of experience in Backend Engineering, Full-Stack Development, and AI/LLM-powered services. Skilled in Java, TypeScript, Docker, Kubernetes, and cloud-native architectures. Contributed to the GA and revenue growth of IBM WatsonX BI. Seeking roles leveraging modern software development and AI technologies.

EXPERIENCE

- IBM** Markham, Canada
• *Software Developer (Band 7)* Nov 2025 - Present
 - **Led large-scale LLM Integration:** Currently integrating the GPT OSS 120B LLM into multiple Watsonx BI services to significantly increase question answering accuracy and expand the product's analytical capabilities.
- IBM** Markham, Canada
• *Software Developer (Band 6)* Jan 2024 - Oct 2025
 - **Built AI-Powered Question Suggestion Service:** Developed the Suggest-Questions service, leveraging large language models (LLMs) to automatically generate relevant analytical questions users can ask about their datasets. This service forms a core part of the Watsonx BI experience, enabling intuitive data exploration
 - **Designed and Delivered Metadata Enrichment Pipelines:** Led development of the Enrichment service, responsible for enriching datasets with critical metadata such as column descriptions, readable names, statistical summaries, and higher-level business concepts. This metadata significantly enhances downstream components—from data asset discovery to accurate SQL generation—ultimately improving system accuracy and user experience.
 - **Contributed to Product GA and Monetization:** Played a key role in General Availability (GA) of Watsonx BI on IBM Cloud Pak for Data (CP4D) for on-prem deployments, directly contributing to revenue growth in the multimillion-dollar range.

EDUCATION

- University of Waterloo** Waterloo, Canada
• *Master of Mathematics (MMath) in Computer Science; CGPA: 94/100* Jan. 2022 – Apr. 2023
- Monash University** Sunway, Malaysia
• *Bachelor of Computer Science (Honours); CGPA: 4.0/4.0* Feb. 2016 – Jun. 2020

AWARDS & RECOGNITION

- **Outstanding Innovation Award, IBM:** Created AI-based question suggestion method for WatsonX BI, revealing actionable business insights.
- **Overall Best Graduate, Monash University:** Recognized as Overall Best Graduate among a cohort of 100+ students.
- **High Achiever Award, Monash University:** Top 1% of university cohort.

PROJECTS

- **DocClone:** Developed an app to track user contributions when collaborating on digital documents through keystrokes, inserts, formats and deletes. This allows users with the most significant contributions to be identified.
- **AI Ideation:** Created an advanced note-taking assistant featuring an AI-powered auto-completion service that provides contextual and insightful suggestions to guide and develop the user's thoughts.
- **Bohra Connect:** Built a community-focused application enabling users to create detailed profiles and display their locations on a Mapbox-integrated map for fostering meaningful connections.

PROGRAMMING SKILLS

- **Languages:** Java, TypeScript, JavaScript (ES6+), Python, C++, C, SQL, HTML, CSS
- **Frameworks & Tools:** Node.js, Express.js, React.js, Next.js, Tailwind CSS, LLMs
- **Cloud & DevOps:** Docker, Kubernetes, AWS, GCP, CI/CD, Git, REST APIs, GraphQL
- **Databases:** MongoDB, MySQL, Firebase, DynamoDB, Amazon S3