Faraaz Ahmed

Toronto, ON | faraaz.ahmed31@gmail.com | +16472041277 | LinkedIn | GitHub | Portfolio

TECH STACK

Programming Languages: Python, Java, C, Bash/Shell, JavaScript, R, TypeScript, SQL, Swift
Frameworks & Libraries: React, Next.js, Tailwind CSS, Pandas, NumPy, Matplotlib, Seaborn, Ggplot2
Tools & Platforms: Git, Docker, Node.js, Prisma, SQLite, MongoDB, Postman, AWS Lambda, AWS DynamoDB
Software Development: OOP, Clean Architecture, SOLID principles, UML Diagrams, Shell Scripting, UX Practices

EDUCATION

University of Toronto   Sep 2022 – Present
Honours Bachelor of Science (HBSc)   Toronto, ON
- Double Major in **Computer Science** and **Statistics** | Expected Graduation: December 2025
- Award: International Scholar at the Faculty of Arts & Science ($100,000)

PROFESSIONAL EXPERIENCE

Cohere   Sep 2023 – Present
Senior Data Quality Specialist   Toronto, ON
- Performed quality assurance and evaluation of code generation (RLHF) across various programming languages (Python, Java, HTML/CSS, JavaScript, C, SQL, TypeScript), achieving 13.5% performance improvement over leading competitors while reducing operational costs by 50%.
- Executed data curation and annotation tasks for Command R/R+ (104B parameters), collaborating across teams to optimize datasets and enhance LLM performance metrics.

PROJECTS

Scriptorium: Code Execution and Sharing Platform – *https://github.com/faraazzz31/scriptorium*
- Developed full stack app using Next.js, Prisma, TypeScript and SQLite for collaborative code sharing with syntax highlighting, blog post sharing and code template forking.
- Built a responsive frontend with React, and TailwindCSS, incorporating authentication via JWT, role-based access control, code template filtering, and blog post management.
- Containerized application using Docker to ensure secure, isolated deployments.

Web Accessibility Platform with *0 Barriers Foundation* – *[Private Repository]*
- Extended functionality of web accessibility testing platform using React, MongoDB, and Tailwind CSS, enabling automated WCAG compliance scanning and violation reporting.
- Implemented PDF accessibility testing system with detailed compliance scoring.
- Built robust user management system with role-based access control, enabling project organization

University of Toronto ASA DataFest 2024 – *3rd place winner*
- Utilized statistical methods and tools including Python (pandas, matplotlib) and R to deliver a comprehensive report on student engagement in collaboration with CourseKata.
- Managed a team of four to deliver actionable insights through advanced data analysis and modeling, ensuring an effective presentation to business executives and stakeholders.

Meal Master – *https://github.com/faraazzz31/Meal-Master*
- Designed a meal planning application in Java following SOLID principles and Clean Architecture to generate personalized recipes with features such as calorie tracking, weekly meal scheduling, and grocery list creation.