Ibrahim Younas

Bachelor of Arts
McGill University, Montreal

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🔗 LinkedIn Profile

EDUCATION

•**Double Major in Computer Science and English Literature**   *2020-24*

McGill University   CGPA: 3.64

PERSONAL PROJECTS

•**Database Application for Football World Cup**   *February 2023*

Created database schema, application programs and a user-friendly interface for sports tournament.

- Used SQL to create databases and JDBC to create a web application.
- Prevented injection attacks using prepared statements, properly constructed stored procedures, and list input validation.
- Optimized queries using indexing and defragmentation.

•**React Pokedex**   *March 2022*

A full-stack application which allow users to store information relating to different Pokemon.

- Used React to create an interactive dashboard showcasing different Pokemon and their attributes.
- Designed the frontend using Material-ui and styled components.
- Implemented the backend using Axios to query the pokeapi.

•**Restaurant Management System**   *July 2020*

Object Oriented implementation in Java for a restaurant management system.

- Designed modular structure using OOP principles with key classes like Menu, Order, Customer, Staff, etc.
- Utilizes inheritance and polymorphism for different menu items and staff roles, enabling code reuse and flexibility.
- Database integration through JDBC to manage and persist data on customers, orders, menu items, and reservations.

EXPERIENCE

•**Technical Writer**   *May 2023 - May 2024*

Coveo   Montreal, Quebec
- Enhanced organizational skills by using Agile Project Management software Jira to plan, implement, and track projects with Asana and Github.
- Collaborated with Subject Matter Experts in the Machine Learning, Ecommerce, and UX departments to write technical documentation for users that effectively communicated the complex integration of Coveo's ecommerce AI tools in simple terms.
- Coached 2 interns in the Buddy Program on interpersonal peer-review processes, client feedback integration, configuration standards, and the company's style guide.
- Innovated illustrative content for the fix to 7 vulnerabilities after regular group discussions with the Cyber & IT department.

•**Software Developer**   *June - September 2020*

Rilancio   Lahore, Pakistan
- Used C++ for Dynamic Data Storage in 8 warehouses to cater to the supply chain management of one of the largest fashion retailers in the country.
- Optimized by adding automation code for building 20+ pipelines, Kubernetes clusters, and cloud infrastructure, achieving 87% efficiency.
- Developed and implemented a machine learning model using PyTorch to predict customer churn, resulting in a 25% reduction in customer attrition and a 10% increase in customer retention.

•**Data Analyst**   *Jan - April 2019*

Standard Capital Securities Limited   Karachi, Pakistan
- Created and deployed a customer churn prediction model using PyTorch, achieving a 25% reduction in customer attrition.
- Utilized Python libraries such as Pandas and NumPy for data analysis and preprocessing tasks.
- Implemented and fine-tuned the model, leading to a 10% increase in customer retention rates.

TECHNICAL SKILLS AND INTERESTS

Languages: C, C++, Python, Java, Javascript, HTML+CSS, Bash, OCaml, Ruby
Libraries : C++ STL, PyTorch, Pandas, NumPy, ReactJs
Web Dev Tools: Nodejs, VScode, Git, Github
Frameworks and Technology: Git, Jira, Linux, ReactJs, Microsoft Office Suite
Cloud/Databases:MongoDb, Firebase, Relational Database (SQL, PostgreSQL), Graphql, AWS
Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Systems, Functional Programming, Software Design.