# Burhan Faquiri

647-563-5093 | faquiriburhan@gmail.com | linkedin.com/in/burhanfaquiri | github.com/burhanf | burhanfaquiri.com

## TECHNICAL SKILLS

**Programming Languages**: C#, .NET, Python, Java, JavaScript, SQL
**Frameworks/Tools**: ASP.NET Core, Entity Framework, Azure DevOps, Git, Jenkins, Docker, Kubernetes, React, SQL Server

## WORK EXPERIENCE

**Centre for Applied AI & Naryant**                                    January 2024 – April 2024
*Software Engineer & Data Analyst Intern | Oakville, ON*

- Modeled traffic patterns using SUMO and OpenStreetMap, improving accuracy in 10+ zones for urban planning
- Built a Python Selenium scraper to automate Oakville demographic data extraction from census sources
- Developed ETL processes to transform demographic data into SUMO XML format, streamlining traffic simulations
- Optimized SQL queries by indexing key columns and restructuring joins, improving data retrieval speed by 20%

**FreshBooks**                                    May 2023 – August 2023
*Full-Stack Software Engineer Intern | Toronto, ON*

- Spearheaded CI/CD pipeline migration from Jenkins to Azure DevOps using Docker and Kubernetes, transitioning 5+ microservices ahead of schedule
- Improved FreshCLI build times by 34% through effective environment variable management, enhancing microservices efficiency
- Designed modular Azure pipeline templates, enhancing code reusability and developer productivity
- Developed a custom Azure DevOps task for Code Climate, reducing duplication and streamlining cloud workflows

**TD Bank**                                    January 2023 – April 2023
*Android Developer Intern | Toronto, ON*

- Developed and maintained the TD Bank app using Java and Kotlin, creating responsive UIs in Jetpack Compose
- Enhanced app performance through asynchronous data retrieval and caching for REST APIs, achieving a 15% improvement in JSON loading times for responsive UI updates
- Collaborated with cross-functional teams in Agile, participating in ceremonies and updating the Product Owner

**GEOTAB**                                    September 2022 – December 2022
*Software Engineer & Data Analyst Intern | Oakville, ON*

- Developed a city maintenance website using React, integrating geospatial data analysis for the City of Kingston
- Executed geospatial queries in BigQuery to filter GeoJSON data, reducing query times for large regions
- Refactored backend architecture for scalability, enhancing API responsiveness and handling requests efficiently

**SIRT Centre**                                    May 2022 – August 2022
*Software Engineer Intern | Toronto, ON*

- Developed AR applications for iOS using Unity and C#, enabling immersive engagement with 3D avatars
- Researched AR libraries, documenting benchmarks that improved loading times by 3s for better user interaction

## PROJECTS

Chamealeon — *C#, ASP .NET Core, React, Git*

- Developed a web app that generates personalized meal plans, tracks nutritional data, and creates shopping lists based on user dietary preferences

## EDUCATION

**Sheridan College**                                    September 2019 – December 2023
*Bachelor of Science in Computer Science | Oakville, ON*

- Extracurricular: President of the Computer Science Club, Teaching Assistant, Recipient of Alumni Award of Excellence & Sheridan Student Union Academic Award of Excellence
- Graduated with High Honours Award, GPA: 3.93