Burhan Faquiri

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TECHNICAL SKILLS

Programming Languages: Python, C#, Java, JavaScript, TypeScript, Kotlin
Frameworks/Tools: Azure DevOps, GCP, AWS, REST, .NET Core, React, Spring, Docker, Kubernetes, Jenkins, SQL, Git, Unity, Linux

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 and unit tests using JUnit and Mockito
- 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

Personal Website Portfolio — *React, TypeScript, Vite, Tailwind, Git*

- Created a dynamic portfolio showcasing projects and skills to enhance my professional online presence

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