# Ghaiyur Naqui Ahmad
## *Software Engineer*

✉ ghaiyur@gmail.com  📞 +1 (330) 333-9234  📍 Calgary, Canada  ➴ ghaiyur.ml  in linkedin/ghaiyur

○ github/ghaiyur

## 💼 Professional Experience

**A4 Systems Corporation**                                           04/2023 – present
*Data Engineer*                                                        Calgary, Canada
- Analyze scope, requirements, and risks for new feature development, and develop architecture that balances immediate product deliverables with future scalability needs

**Wipro Limited**                                                    08/2021 – 03/2023
*Senior Software Engineer*                                            Bengaluru, India
- **Google's Data Commons**—Part of initial pod to understand client requirements and create an implementation plan.
- **Alight's IDP**—Helped set up Intelligent Document Processing for Alight-Helped the brand to make better decisions with additional data from analog documents.
- **HSBC's UK ESG**-Part of the On-premise team of ESG pod-Helped work with various data vendors like Bloomberg etc. to create usable data for the Data Science teams for better investments.

**Musubi Management**                                                07/2020 – 08/2021
*Programming Developer*                                               Bengaluru, India
- **TECH I.S.**- Helped create course plans for Data Science and Web Development Programs-Helped 200+ Students from North America and Japan get certified.
- **Team Lead**-Lead multiple 3-man teams to work in various corporate projects-Guided and trained multiple junior developers.
- **Programming Mentor**-Helped train junior developers-Lead to better training cycles and improved attrition of students.

**Pion AI**                                                          07/2019 – 07/2021
*Artificial Intelligence Engineer*                                   Bengaluru, India
- **Diabetic Retinography**-Retrained Efficient-b3 to identify and classify diabetic severeness-Improved accuracy and validity of spotting of diabetes and also trained on a Jetson device.
- **Sepsis Onset**-Worked with Data such as MIMIC-III and eICU to predict onset of sepsis reaction on post-surgery patients-Created alternatives to waiting for microbiology lab result to create actionable insights for ICU specialists.
- **Asymptomatic COVID-19**-Retrained Sepsis Onset model to monitor and learn from COVID-19 patients-R&D on asymptomatic predictions for COVID-19 to spot signs of virus prior to obvious symptoms.

## 🎓 Education

**Post Graduate Diploma in Business Management**                      2020 – 2022
*SVKM's Narsee Monjee Institute of Management Studies (NMIMS)*        India
Information Technology and System Management

**Bachelor's of Technology**                                         2015 – 2019
*Manipal Institute of Technology(MIT)*                               Manipal, India
Instrumentation and Control Engineering

## 🧠 Skills

**Python** (FOSS, Pandas, PySpark, Django)   **SQL** (PostgreSQL, MySQL, MongoDB)   **Bash**

**Git** (GitHub, Azure repos, Gitlab)   **Tableau**   **AI/ML** (Scikit, Tensorflow, PyTorch)