Ibtehaj Raza

Montreal, Quebec, Canada

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A forward-thinking developer offering 4+ years of experience in building, integrating and supporting legacy applications. Having a solid understanding of software development life cycle, UIX, DevOps and Agile methodologies. Dedicated to continuously adopting new technologies to maximise development efficiency & produce innovative solutions.

Skills

JAVA • Python • Sprin • Struts • AWS • TypeScript • HTML5 • CSS • JavaScript

RDBMS • NoSQL • Git • SVM • Test Driven Development • Agile • Documentation • CI/CD

RELEVANT EXPERIENCE

Laboratoire de recherche LASSENA, Montreal, Canada - *ML Researcher & Developer*

APRIL 2021 - PRESENT

- Developed a cutting-edge meta-learner leveraging machine learning to flight paths and enhance flight safety. Published research findings and presented at industry conferences.
- Collaborated with lab partners to collect and analyze extensive flight data, ensuring the reliability and effectiveness of the in-flight systems.

Avanza Solutions, Pakistan, UAE and Bahrain - *Senior Software Engineer*

JANUARY 2019 - APRIL 2021

- Managed project lifecycle, from requirements to workflow assignment, collaborating with internal teams, vendors, SQA testing, certifications, and direct client interactions.
- Developed and deployed a versioning system that facilitated the maintenance of older flows while selectively exposing new services to relevant personnel using *Java*.
- Leveraged REST adapters to seamlessly integrate with SAP and AD, for data synchronization.

UHF Solutions, Pakistan - *Software Engineer*

JUNE 2018 - JANUARY 2019

- Developed an EMR (Electronic Medical Record) system with offline and online support. Successfully deployed a sales and employee management app nationwide for Advance Telecom, Pakistan's largest electronic gadgets distributor.

EDUCATION

École de Technologie Supérieure, Montreal, Canada - *M.Sc. in Software Engineering*
2021 - 2023

Master's Thesis: General Aviation Safety using Machine Learning (Meta-Learner).

National University of Computer and Emerging Science, Pakistan - *BS, Computer Science*

2014 - 2018