

Data and Application Services Developer (16 months)

There's a New Energy on Board! Our company MHI RJ Aviation Group (MHIRJ) provides comprehensive critical operational, engineering and customer support solutions including maintenance, refurbishment, technical publications, marketing and sales activities for the global regional aircraft industry. Headquartered in Boisbriand, Quebec, and bolstered by an Aerospace Engineering Center, MHIRJ's network of service centers, support offices and parts depots are positioned in important aviation hubs in the U.S., Canada and Germany. A wholly owned subsidiary of Mitsubishi Heavy Industries, Ltd, MHI RJ Aviation Group includes MHI RJ Aviation ULC (Canada), MHI RJ Aviation Inc. (U.S.A.) and MHI RJ Aviation GmbH (Germany).

The Data and Application Services team is responsible for managing aircraft reliability data, business intelligence systems, technical publication system and related infrastructure.

In this role you will contribute to leveraging data to create value for the internal and external stakeholders. This will be accomplished through the development, delivery and support of new and existing tools and applications.

Your tasks will include:

- Deliver ready to ship software by collaborating with business team and technical team members to design, implement and test smart repeatable solutions
- Take ownership of customer success by focusing on their needs when we design features, write code, write tests and fix bugs
- Be excited to learn and introduce the team to new technologies that improve performance, allow new features or improve our processes
- Build features optimized to work in both the cloud and on-premise software
- Build your own Python code and make use of open source to create a robust high-performance backends
- Implement responsive front-end using React/JS/HTML5
- Work with other developers through code reviews and design sessions to create the best code possible

You will develop the following skills:

- First 4 months is overlapping period with existing intern who will train and pass the knowledge to you
- Last 4 months of your work term where you can practice your leadership skill as a senior experienced developer to teach new intern.
- Cross training different skills (front-end, back-end design and programming) within the team on various apps and database to become a well-rounded experienced full stack developer
- Mentor and guidance from senior staff and supervisor
- Software Development and Deployment
- Working in a development team
- Cloud architecture, deployment and authentication

The skills you bring:

- Enrolled in one of the following programs: Computer Science or Engineering (Aerospace, Mechanical, Computer, Electrical, etc), ideally in your third year of the program.
- Know programming languages: React, Flask, Javascript, Python, Java
- Have knowledge of Cloud Infrastructure and Development (MS Azure, DevOps, Data Factory)
- Have knowledge of databases and SQL language (SQL Server, Oracle)
- Know MS Office suite (particularly Excel, Access, Word and PowerPoint)
- Have knowledge of Command line Unix/Linux environments
- Are an excellent communicator and self-starter. Strong team player. Detail oriented.

Additional details:

- Position located at East Mississauga, Ontario – hybrid working schedule (2 days in office, 3 days' working from home)

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