

Data and Application Services IETP 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 support existing IETP app, the process that generates technical publication manuals and metadata for IETP app.

Your tasks will include:

- Learn and master Java based IETP app
- Troubleshoot, implement the fix, add the new features to IETP app
- Manage the source code, the tool that builds the installer of IETP app
- 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
- 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: Java, Python, Javascript
- Have knowledge of XML and related programming languages such as XSLT.
- Have knowledge of Cloud Infrastructure and Development (MS Azure, DevOps)
- Have knowledge of databases and SQL language (MySQL, 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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