



## PROFILE

I am a Mechanical Engineer who started off in the trades during my late teenage years and eventually worked my way through academia to pursue a career in Mechanical Engineering.

My experience is focused on designing mechanical and structural systems as part of integrated solutions with the application of functional sciences as well as emerging technologies in manufacturing.

I also have a background in the installation, maintenance and monitoring of mechanical systems as part of asset management efforts.

My accomplishments include the development of countless custom solutions of unique architecture for my employers as part of their efforts to achieve business goals.

## CONTACT

WEBSITE:  
[www.hjamil.com](http://www.hjamil.com)

## HOBBIES

- Auto restoration
- Home renovations
- Travelling
- Health & Fitness
- Sports

# HASAN JAMIL

**P.ENG, MECHANICAL ENGINEER**

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## EDUCATION & CREDENTIALS

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**Toronto Metropolitan University (Formerly Ryerson University)**  
Bachelor's in Mechanical Engineering  
2009 – 2014

**Professional Engineers Ontario**  
License # 100217712  
2019

## WORK EXPERIENCE

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**Actalent – Ford Motor Company**  
**Feasibility Engineer**  
**2023 – Present**

Develop solutions for conflicting design interests for vehicle exterior systems. Ensure vehicle exterior can be manufactured with the required level of quality, repeatability and craftsmanship.

**Toronto Transit Commission**  
**Design Engineer**  
**2019 – 2022**

Design custom tooling and reliability improvements to railway mechanical assets. Monitor railway assets for performance and operational readiness. Develop standard operating procedures for asset maintenance activities.

**Aerotek – Fiat Chrysler Automobiles**  
**Product Engineer**  
**2016 – 2019**

Design, develop and manage the production release of chassis components. Apply expertise in the application of manufacturing concepts to optimize component cost and performance. Collaborate with vendors and outsourced expertise as part of product development strategies.

**Aerotek – General Dynamics Land Systems Canada**  
**Design Engineer**  
**2015 – 2016**

Design and integrate structural components in engine-transmission assemblies for heavy military vehicles. Implement manufacturing processes that are economically conducive for low to mid-level production rate.

## SKILLS

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- Computer Aided Design (Siemens NX, CATIA, SOLIDWORKS)
- Metal Fabrication (Casting, Welding, Sheet Metal)
- Plastic Molding
- Geometric Dimensioning & Tolerancing
- Machine Design
- Designing for failure modes & reliability
- Machine Installation & Maintenance
- Technical writing