

Teko HANVI

Mechanical Engineer

Qualifications

Internationally experienced Engineer with 7 years of experience in different industries such as oil & gas, aerospace and automotive. My areas of expertise include the following:

- **Finite Element Analysis,**
 - **Dynamic Analysis,**
 - **Fracture mechanics,**
 - **Project Management.**
-

Work Experience

November 2011-
February 2017

Subsea Design Engineer

TechnipFMC USA, Houston, Texas

- Led pipeline and equipment design for new product development,
- Led engineering critical assessment and fracture mechanics analysis for the welding activities,
- Led the development of procedures and methodology for pipeline fabrication and integrity assessment,
- Fabrication and Installation support,
- Provide operational support during offshore installation campaign (Reel-lay, S-lay, Flexible, Umbilical, over 90 days of offshore experience).

June 2010-
September 2011

Mechanical Engineer

Airbus Defense and Space, Paris, France

- Mechanical design of the space launcher Ariane 5ME,
- Dynamic Analysis of the space launcher Ariane 5 ECA for the ATV program,
- Led the development of FEA base methodology for dynamic coupling.

April-September 2009

Graduate Mechanical Engineer

Renault S.A.S, Paris, France

- Led the study on FRF Based Sub-structuring techniques and Dynamics Sub-structuring techniques,
- Led the analysis of the dynamic behavior of vibration control components,
- Developed a FEA based methodology and procedure for numerical coupling.

March-August 2008

Undergraduate Mechanical Engineer Intern

Alfa Laval Moatti, Paris, France

- Completed the industrialization of products through a campaign of validation testing,
 - Performed the product qualification testing in collaboration with the French Institute of Filtration and Separation Techniques,
 - Led the program of product optimization through a campaign of sampling and analysis at customer facilities.
-

Education

2009

Master of Science in Dynamics of Structure and Coupled Systems at the **Superior Engineering Institute of Paris (SUPMECA)**

2009

Master of Science in Mechanical Engineering at the **Superior Engineering Institute of Paris (SUPMECA)**

Software & Languages

Software

CATIA V5, Abaqus, Nastran, MATLAB, Orcaflex, Crackwise, Microsoft Office.

Languages

French (mother language), English (Fluent).

Miscellaneous

Interests

Travel, Photography, Baseball, Soccer, Volley-Ball.