



Mohd Fahrurrazi bin Haron

PERSONAL SUMMARY

A highly reliable design engineer with extensive understanding of steel design and manufacturing methods. Trained by LOTUS UK in suspension and chassis dynamic development. Familiar with ASTM, SAE and JIS steel standards.

PROFESSIONAL EXPERIENCE

TRW Lucas Automotive – Senai, Malaysia

Mechanical Design Engineer (August 2012 ~ present)

Responsible for the design of body control modules and switches for various European OEM including Volkswagen, SEAT, Skoda and Ford.

Duties:

- Develop body control modules from conceptual stage until manufacturing stage using NX5, NX7.5 and also CATIA V5.
- Generating, managing and maintaining Bill of Material (BOM), manufacturing drawing and 3D data using Siemens Teamcenter PLM.
- Plan and carry out DFMEA, design review, product prototyping, pilot run, evaluation, reliability test to ensure compliance of customer specification.
- Collaborate with internal and counterparts in various international plants to achieve most cost effective and high quality design.
- Run strength, durability, illumination and tolerance stack analysis on related parts during development stage to achieve optimum design.

PROTON Holdings – Shah Alam, Malaysia

Chassis Design Engineer (May 2009 ~ July 2012)

Design chassis structural parts including sub-frames, cross-members, axles, lower arms and linkages using CATIA V5. Acted as coordinator for design team in Inspira project (Mitsubishi Lancer localization), providing advice on parts selection and feasibility for localization and also monitoring design work progress for localized and modified components.

Duties:

- Design and develop chassis steel components using CATIA V5.
- Define and publish engineering drawings and specifications related to material, testing and tolerance for related components.
- 3D data, drawings and EBOM creation and management using Siemens Teamcenter PLM.
- Provide technical advice and problem solving expertise during prototype, testing and post production stage.

PROFESSIONAL DEVELOPMENT

- Registered as Graduate Engineer with Board of Engineers, Malaysia
- Trained in suspension development and optimization by LOTUS UK.
- Trained in chassis dynamics mathematics by LOTUS UK.
- Japanese Language Proficiency Test (JLPT) Level 2
- Test of English for International Communication (TOEIC) : 950/1000 marks

PERSONAL DETAILS

F-2-260, Sri Putra Apartment,
Jln. Meranti 7, Bandar Putra,
81000 Kulaijaya,
Johor, Malaysia.
H/P : +6010-231-9037
Email: fahrurh@gmail.com
DOB : 14/04/1985
Nationality: Malaysian

AREAS OF EXPERTISE

- CATIA V5
(Solid/Surface design,
Assembly, Kinematics)
- Siemens NX5&NX7.5
(Solid/Surface design,
Assembly, NX CAE
Stress Analysis, Light
Illumination Analysis)
- Autodesk Inventor
- Pro-E Wildfire
- Ansys
(Basic Linear Analysis)
- Tolerance Stack Analysis
and GD&T
- DFMEA
- Steel design and
manufacturing process
- Basic Plastic design and
manufacturing process

PERSONAL SKILLS

Focused
Fast learner
Reliable
Trilingual
(English,Japanese,Malay)

ACADEMIC QUALIFICATIONS

- B.Eng in Mechanical System Engineering (CGPA 3.26)
Gunma University, Japan 2005 – 2009
- Special Preparatory Course to Japan (RPKJ)
University Malaya, Malaysia 2003 – 2005
- Malaysian Certificate of Education[SPM] (7A1, 2 A2)
Kota Tinggi Science Secondary School, Malaysia 1998 - 2002

WORK PREFERENCE

Expected salary : RM3500(negotiable)
Availability : After 2 week notice
Willing to relocate : Yes
Willing to travel : Yes