

# MOHAMAD MUDDASSIR GHORUN

ELECTRICAL AND ELECTRONIC ENGINEER

## Career summary

A competent electrical and electronic engineer with a comprehensive knowledge of designing, developing and maintaining electrical and electronic systems and components to required specifications, focusing on the economy, safety, reliability, quality, and sustainability. A consistent track record of successfully completing projects from the concept and detail of the design through to implementation, testing and handover.

Keen to find a challenging and suitable engineering position with an ambitious company that offers opportunities for career development and advancement.

## Work experience

*Cabin Avionics Engineering Hub, Air Mauritius Limited*

### IEEE INTERN

*(April to August, 2011)*

Working closely with licensed aircraft engineers, support engineers, and technicians to ensure objectives are obtained in time and within budget. Responsible for attending meetings, writing reports and giving presentations to other engineers about assigned work.

### Duties:

- Maintaining and troubleshooting of equipment
- Non-destructive testing
- Field experience working with line replaceable units
- Use of different information system application packages and technical documentation
- Using computer-assisted engineering and design software
- Designing storage system and optimizing storage parameters of complex equipment
- Successful planning, evaluation, implementation, and subsequent reports of assigned projects
- Communication system in Airbus A 340, A 330, and A 315 aircraft

## Academic qualifications

B(Eng) Hons. In Electrical and Electronic Engineering  
*Asia Pacific University of Technology and Innovation 2008-2013*

A Level: Maths, Chemistry, Physics, General Paper, French  
*Shrimati Indira Gandhi State secondary school 2005-2007*

# Key skills

## AREAS OF EXPERTISE

- Integrated circuits
- Embedded systems
- Power system analysis
- Power electronics
- Analog Electronics
- Digital electronics
- Signal processing
- C programming
- Control Engineering
- Designing

## PROFESSIONAL SOFTWARE USAGE

- Matlab
- LT Spice
- PS Spice
- Packet tracer
- Modelsim- VHDL
- Auto Cad
- Autodesk inventor
- Multisim
- Proteus
- MPLab
- Labview
- Ms Office

## COMPETENCIES

- Good ability to listen
- Good communication skills and report writing
- Having a flexible attitude and positive approach
- Ability to establish and maintain good working relations
- Well organized and multitask person
- Constantly maintaining high levels of accuracy
- Complaisance and helpful person
- Multilingual including English, French and Urdu
- Good analytical and problem-solving abilities
- Methodological approach to all tasks
- Comprehensive understanding of engineering and design principles

## REFERENCES

Available on request

## CONTACT DETAILS

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