

Mohd Faizal Bin Zainon,  
No.21, Laluan Pengkalan Timah 11,  
Desa Pengkalan Timah, 31500 Lahat  
Perak.

The Senior Manager,

Human Resource Department,

RE: Application for post of Senior Engineer / Senior Executive

With reference to the above, I wish to apply for the post of Senior  
Engineer / Senior

Executive in your organization. I believe that I have the appropriate  
qualification, attitude and  
personality required for this post.

I am self-motivated, responsible and can work independently with full  
commitment in my

assigned duties. In both my academic and leisure pursuits I have  
initiated action to interact

with a wide range of people and adapt effectively to different situations  
in order to achieve

set goals. I am a very dynamic person and like to take up challenges in  
my working life.

If there are any other items that I need to furnish do let me know. I  
hope my application could

be given its utmost consideration by your establishment. I wait in  
anticipation for your reply

and the opportunity to meet and discuss with you my carrier plans and  
objectives. Should

there be any suitable vacancy in my scope of qualification, please do  
forward this resume to

the appropriate personal.

My personal details, working experience and academic achievement are  
enclosed in the

curriculum vitae, attached with this letter.

Thank you.

Yours sincerely,

Mohd Faizal Bin Zainon  
mfz3013@gmail.com  
012-3631008

MOHD FAIZAL BIN ZAINON

No.21, Laluan Pengkalan Timah 11, Desa Pengkalan Timah,  
31500 Lahat, Perak, Malaysia.

Mobile Number : +6012-3631008

E-mail : mfz3013@gmail.com

Skype ID : mohd.faizal3013

Personal Particulars

Age

: 31

Gender

: Male

Marital Status

: Married

Race

: Malay

Weight/Height

: 75kg/170cm

Nationality

: Malaysian

Hobbies/Interest

: Travelling, Photography, Outdoor and Indoor games

OBJECTIVE

To bring to your organization enthusiasm, dedication, responsibility and good work ethic.

PROFILE

I describe myself as a highly motivated and dedicated employee with fresh new ideas, creative, innovative and willing to work hard and smart in fast environment for success.

Good analytical skill, able to work under tight schedule and able to solve complex

problem. Pleasure to be self-motivated, develop mastery in my chosen functions, willing

to set goals and works to achieve them in order to become an inspiration to others thus

can improve my knowledge and skills. Interested and committed to learn and explore

others engineering such as Medical, Information Technology, Aeronautical/Aerospace

and Oil & Gas engineering in order to get and learn different skills and to challenge

myself with a new experience and increase expertise to become a valuable asset to

organization.

Can work both in team and independently. Good interpersonal and communication skills with fluency in Malay, English and Japanese languages.

#### KEY TRAITS

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Strong academic background in Science.

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Very Independent person and can work both in team or independently.

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Excellent interpersonal, communication & negotiation skills with fluency in Malay, English and Japanese languages.

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Excellent command in Design Software Catia V5 / Solidworks.

#### EDUCATION BACKGROUND

Bachelor's Degree

Field of Study

: Degree Engineering (Mechanical)

Major

: Mechanical System Engineering

Institute/University

: University of Shinshu, Nagano Japan.

Grade

: Pass/Non-gradable

Graduation Date

: March 2007

Second Highest Education

Field of Study

: SPM

Major

: Pure Science

Secondary School

: MRSM PDRM, Kulim Kedah

Grade/Aggregate

: 8A 2B

Graduation Date

: December 1999

#### EMPLOYMENT HISTORY

1. GERMAN MALAYSIAN MEDICAL INDUSTRIES SDN.BHD.

Position Title

: Project & Development Engineer

Position Level

: Senior Executive

Specialization

: Engineering - Medical Industries

Industry

: Medical

Duration

: August 2012 - July 2013

Reason of Leaving

: Company downsizing, Project & Development Department closed due to financial problem

Monthly Salary

: MYR 5400

#### Work Description:

Take role in project development of various product & device for medical industries.

Liaise with customers on development of medical device in terms of international

regulations, specifications and functions. To prepare a planning/concept drawing during

product design or project development stage. To prepare 3D data and 2D drawing for

mold & jig tooling fabrication. To review and verify all the product design are meeting

the customer requirements. To prepare bill of material at the request for quotation RFQ

stage for all new development products. To prepare a detail costing for project tender.

To monitor all part/jig development progress to meet customer schedule.

To prepare

testing items and schedule base on customer requirements. Responsible for all Design & Product Change Request & Engineering Change Instruction in terms of 3D data and 2D drawing revision. To involve in cost reducing activities and part localization. To ensure all design & development project implementation system is always meeting ISO9001:2004, ISO14001 and ISO13485 in pursuit of both the highest quality international standards for medical device and equipment applications, as well as being dedicated to meet the specific needs of our clients.

Achievements & Experience Gained: Total 1 Year Experiences.

POSITION : SENIOR PROJECT ENGINEER

(1) Project leader & coordinator for new development of various product in medical device industries and take charge of project management for new product development.

(2) Responsible and directly in charge for Japanese medical device partners/customers for Japanese-English business/project communication and documentation.

(3) Experience and responsible for prototype preparation and fabrication upon new

product for further testing and analysis and predict product potential failures by doing

FMEA analysis. To prepare and setup related testing items and collect detailed data for

further validation detailed reports via series of statistics graph for IQ, OQ, PQ and others

technical documentation purpose. To perform series of calculation from collected data

and do analysis for further product spec proposal and recommendations.

(4) Project leader of manufacturing Surinate Bladder Management System. Prepare

details costing for localization. Prepare documentations for manufacturing and setup

assembly line and follow up any assembly issues and to ensure all assembly process

running accordingly. Conduct technical coordination, training and review regular meeting

with internal & external customer. Follow up testing schedule and perform required

testing to verify and validate product to meet customer requirement.

(5) Project leader of manufacturing Wound Drainage System. Prepare details costing for

localization. Prepare documentations for manufacturing and setup assembly line and

follow up any assembly issues and to ensure all assembly process running accordingly.

Conduct technical coordination, training and review regular meeting with internal &

external customer. Follow up testing schedule and perform required testing to verify and

validate product to meet customer requirement.

(6) Prepare various details costing and BOM List inquiry for new tender project. To

ensure pricing is competitive in worldwide market and provide the turnkey solutions in the most efficient and cost effective.

(7) Lead supplier and provide details schedule for parts development. Verify and validate design functionality, manufacturability and reliability.  
(8) Ensure product confirms to Design to Cost (DTC) & Design for Manufacturing (DFM) and check all the design to meet CE regulation.  
(9) Follow up and monitoring with mold/gauge maker during development stage and daily production.  
(10) Liaise with vendors and supplier relating design, production and involve in prototyping activity as a proof of new concept & endurance testing.  
(11) Conduct testing for performance confirmation to meet customer specification and requirement.  
(12) Study (FMEA and QCP) and set up production line and make improvement (kaizen).  
(13) Working with Solidworks to create current project 3D data and 2D drawing for customer approval and mold & jig tooling fabrication.  
(14) Maintain documentations for ISO9001:2004, ISO14001 & ISO13485.

## 2. MULTICODE ELECTRONICS (M) BHD.

Position Title

: Project & R&D Engineer

Position Level

: Senior Executive

Specialization

: Engineering - Mechanical/Automotive

Industry

: Automobile

Duration

: February 2011 - July 2012

Monthly Salary

: MYR 5000

### Work Description:

Take role in design & develop product especially exterior automotive lamp and interior lamp. Liaise with customers on designing lamps in terms of international regulations, specifications and functions. To prepare a planning/concept drawing during product design stage. To construct 3D data and 2D drawing for tooling fabrication. To review and verify all the product design are meeting the customer requirements. To prepare bill of material at the request for quotation RFQ stage for all new development products. To



monitor all parts development progress to meet customer schedule. To prepare testing items and schedule base on customer requirements. Responsible for all Design Change Request & Engineering Change Instruction in terms of 3D data and 2D drawing revision. To involve in cost reducing activities and part localization. To ensure all design implementation system is always meeting ISO9001:2004, ISO14001 and TS16949.

Achievements & Experience Gained: Total 1 ½ Years Experiences.

POSITION : SENIOR PROJECT & R&D ENGINEER

(1) Working with Catia V5 to create current/pass project 3D data and 2D drawing for customer approval.

(2) Project leader & coordinator for new design of various products especially in automotive lamps and directly in charge of new product design & development.

(3) Study technical details of lamp reflector for bulb and LED as a light source for optical performance study and further CAD data fabrications. To propose suitable socket and connector type, PCBA size and LED quantities and to determine best location for these components in order to accomplish best lighting performance and stylish appearance.

(4) Study lighting simulation to ensure lighting transmission performance meeting ECE regulations.

(5) Study heat dissipation from lamp via CAD data, to ensure physical endurance performance of lamp able to stand by continuous heat released from lamp. To propose location and quantities of ventilation hole or heat sink with suitable material based on simulations and fabricated prototype (when required) for heat released testing and validations.

(6) Project leader to solve any design issues and perform implementation of design improvement on Rear Combination Lamp for P3-21A Proton Prevé including construction of details 3D data and 2D drawing for tooling development and customer approval.

Arrange project & testing schedule to meet customer requirement.

(7) Project leader to solve any design issues and perform implementation of design

improvement on Front Fog Lamp for P3-21A Proton Prevé including construction of details 3D data and 2D drawing for tooling development and customer approval. Arrange testing schedule to meet customer requirement.

(8) Project leader to design Rear Combination Lamp for P3-22A Proton Prevé Hatchback including construction of details overall 3D data and 2D drawing for tooling development and customer approval. Arrange project & testing schedule to meet customer requirement.

(9) Project leader to localize production of VW Jetta Engine Cover & VW Polo Front End Carrier in Malaysia. Support and provide solutions of any raised technical issues especially those related with 3D data and 2D drawing for tooling development stage.

Arrange project & testing schedule to meet customer requirement.

(10) Lead supplier and make schedule for parts development.

(11) Conduct technical coordination and review regular meeting with internal & external customer. Verify and validate design functionality, manufacturability and reliability.

(12) Ensure product confirms Design to Cost (DTC) & Design for Manufacturing (DFM) and check all the design to meet ECE regulation.  
(13) Monitor and directly report to Program Manager and R&D Manager on critical issues during project.  
(14) Follow up and monitoring with mould/gauge maker during development stage and daily production.  
(15) Liaise with vendors and supplier relating design, production and involve in prototyping activity as a proof of new concept & endurance testing.  
(16) Conduct testing for performance confirmation to meet customer specification and requirement.  
(17) Study (FMEA and QCP) and set up production line and make improvement (kaizen).  
(18) Maintain documentations for ISO9001:2004, ISO14001 & ISO/TS16949.  
(19) Arranged and setup all related testing to meet customer requirement and ECE regulation. Arranged all testing and tool development schedule for all related model.  
(20) Established control system for data preservation towards data security as per TS 16949 requirements.

3. ICHIKOH (M) SDN.BHD.

Position Title

: R&D Engineer

Position Level

: Executive

Specialization

: Engineering - Mechanical/Automotive

Industry

: Automobile

Duration

: April 2007 - January 2011

Monthly Salary

: MYR 4250

Work Description:

Take role in designing exterior automotive lamp and interior lamp. Liaise with customers on designing lamps in terms of international regulations, specifications and functions. To prepare a planning/concept drawing during product design stage. To prepare a 3D data and 2D drawing for tooling fabrication. To review and verify all the product design are

meeting the customer requirements. To prepare bill of material at the request for quotation RFQ stage for all new development products. To monitor all part development progress to meet customer schedule. To prepare testing items and schedule base on customer requirements. Responsible for all Engineering Change Instruction in terms of 3D data and 2D drawing revision. To involve in cost reducing activities and part

localization. To ensure all design implementation system is always meeting  
ISO9001:2004, ISO14001 and TS16949.

Achievement & Experience Gained: Total 4 Years Experiences.

I) POSITION : DEVELOPMENT & MAINTENANCE ENGINEER

1. Lead supplier and make schedule for parts development.
2. Follow up and monitoring with mould/gauge maker during development stage and daily production.
3. Conduct testing and performance confirmation to meet customer specification and requirement.
4. Arrange maintenance schedule for factories machine and equipment.
5. Study (FMEA and QCPC) and set up production line and make improvement (kaizen).
6. Maintain documentation for ISO9001:2004, ISO14001 & ISO/TS16949

II) POSITION : DESIGN ENGINEER

1. Working with Catia V5 to create current/pass project 3D data and 2D drawing for customer approval.
2. Team members to design Reflex Reflector for D96T Perodua Myvi Facelift including construction 3D data and 2D drawing for tooling development and customer approval. Arranged project & testing schedule to meet customer requirement.
3. Team members to design Fog Lamp for D96T Perodua Myvi Facelift including construction 3D data and 2D drawing for tooling development and customer approval. Arranged project & testing schedule to meet customer requirement.
4. Study technical details of lamp reflector for bulb and LED as a light source for optical performance study and further CAD data fabrications. To propose suitable socket and connector type, PCBA size and LED quantities and to determine best location for these components in order to accomplish best lighting performance and stylish appearance.
5. Study lighting simulation to ensure lighting transmission performance meeting ECE regulations.

6. Study heat dissipation from lamp via CAD data, to ensure physical endurance performance of lamp able to stand by continuous heat released from lamp. To propose location and quantities of ventilation hole or heat sink with suitable material based on simulations and fabricated prototype (when required) for heat released testing and validations.
7. Project leader to design High Mount Stop Lamp for D46T Perodua MPV Alza including construction of details 3D data and 2D drawing for tooling development and customer approval. Arranged project & testing schedule to meet customer requirement.
8. Project leader to design Reflex Reflector for D46T Perodua MPV Alza including construction of details 3D data and 2D drawing for tooling development and customer approval. Arranged project & testing schedule to meet customer requirement.
9. Project leader to design Rear Combination Lamp for D46T Perodua MPV Alza including construction of details 3D data and 2D drawing for tooling development and customer approval. Arranged project & testing schedule to meet customer requirement.
10. Project leader to design Head Lamp for D54T Perodua New Myvi including construction of details 3D data and 2D drawing for tooling development and customer approval. Arranged project & testing schedule to meet customer requirement.
11. Set up all part list for quotation of D96T Perodua Myvi Facelift, D46T Perodua MPV Alza, and D54T Perodua New Myvi and ensure all the lamps design to meet ECE regulation.
12. Arranged and setup all related testing to meet customer requirement and ECE regulation.
13. Arranged all testing and tool development schedule for all related model.
14. Established control system for data preservation towards data security as per TS 16949 requirements.

Languages  
(Proficiency: 0=Poor - 10=Excellent)  
Language

Spoken

Written

Bahasa Malaysia

10

English

9

10

Japanese

9

9



## COMPUTER SKILLS

(Proficiency: Advanced - Highly experienced; Intermediate - Familiar with all the basic functionalities; Beginner - Just started using or learning the skill)  
Skill

Years

Proficiency

- 

Computer Maintenance

>5

Advanced

- 

Japanese Language

>5

Advanced

- 

MS Office

>5

Advanced

- 

Adobe PhotoShop

>5

Advanced

- 

Windows XP,VISTA,7

>5

Advanced

- 

CATIA V5 (Design Software)

>5

Advanced

-

Solidworks

3

Advanced

•

AutoCad

2

Intermediate

•

Fortran/C Language

2

Intermediate

Miscellaneous

Expected Monthly Salary

: Negotiable

Willing to Relocate

: Will Consider

Possess Own Transport

: Yes

Availability

: Immediately

Text Resume / Additional Info

KNOWLEDGE (PROFESSIONAL AND GENERAL):

1. Leader of Automotive Lamp Design Team in R&D Department.

2. Leader of Health, Safety & Environment (HSE) Committee in R&D Department. Also

take role as a secretary for company HSE Committee members.

3. (i) COMPUTER KNOWLEDGE (GENERAL):

• Microsoft office : (Excel, Word, Powerpoint, Outlook)

• Operating system : Windows XP, VISTA, 7

• Networking : LAN

• Adobe Photoshop CS5

• Computer Maintenance.

(ii) COMPUTER KNOWLEDGE (PROFESSIONAL):

• Design software (AutoCad, Solidworks, Catia V5)

• Program software (Fortran/C Language)

4. TESTING AND MEASUREMENT MACHINE:

• Shower Test Equipment (to evaluate for the lamp leaking defect),

• Photometric Test Equipment (to evaluate on the lighting performance),

• Vibration and Impact Resistance Test Equipment (evaluate lamp endurance test),

- 3D Computer Measurement Machine (CMM),
- Checking Fixture Equipment,
- Nordson Hotmelt Glue Machine,
- Lamp Reflection Equipment,
- Lamp Heat Resistance Equipment.

5. PLASTIC & PACKAGING MACHINE

- Prototyping
- Clean room molding ISO 7/8
- Injection molding
- Precision Extrusion (materials e.g. PEEK, PE, PP, PVC, PA, TPE)
- Precision LSR molding
- Injection mold fabrication
- Form-Fill-Seal
- Pouch pack

6. ISO9001:2004, ISO14001, ISO13485, ISO/TS16949 as an internal auditor.  
Contribution in achieving all above mentioned quality standard.

7. Involve and active in department and company management organization  
to ensure  
continuous improvement for the company.

8. Knowledge in designing plastic and rubber part, and bill of material  
for plastic  
injection moulding as well as stamping.

9. Knowledge in Vehicle regulation, Quality Control Process Control  
(QCPC), Key

Performance Indicators (KPI), 5 Core Tools (APQP, FMEA, SPC, MSA & PPAP),  
ISO/TS16949, ISO9001:2004, ISO14001, ISO13485, 18001:2007 OHSAS, Kaizen  
Activities & 5S Activities.

References

Name

Telephone No.

:  
:

Saiful Shahril  
60- 016- 5574522

Email

:

shahril@multicode.com.my

Position

Company

:  
:

Senior Engineer  
Multicode Electronics (M) Bhd

Relationship

:

R&D Team Members

Name

Telephone No.

:  
:

Khairul Ikhtiar  
60- 017- 2972946

Email

:

k.ikhtiar@ichikoh.com.my

Position  
Company

:

:

Section Manager  
Ichikoh (M) Sdn. Bhd.

Relationship

:

R&D Team Members

