**AG SATISH 1-6-6, Block Lily**

**E-mail : agsatish@yahoo.com Putra Intan Condominium**

**Jalan Putra 1, 43800 Dengkil,**

**Selangor, Malaysia**

**H/P: +60149611778**

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### PROFESSIONAL OBJECTIVE

A position in **Electronics Engineering**  providing the opportunity

to make a strong contribution to organizational goals through continued development of professional skills.

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### Accomplishments/

**Strengths:**

* Troubleshooting and analytical skills in the manufacturing sector
* Well organized and proficient with details in daily/weekly reports.
* Interpersonal and team skills
* Capable to communicate with all levels
* Capable to analyze data using software tool such as Minitab
* Knowledge in SPC, FMEA, DOE and Six Sigma methodologies (DMAIC)
* Knowledge in Lean Manufacturing.
* Thorough understanding in Project Management.
* Teamed up with Process Engineer for performing experiments in production line to improve the Efficiency of solar cells.
* Co-ordinated small teams to perform inventory.

###### PROFESSIONAL EXPERIENCE

**September 2008 HANWHA Q-CELLS (M) SDN.BHD.**

**till to-date**

* Working as a Technical Assistant in a Solar cell Manufacturing plant.
* Managing all the experiments that are run in a production line .
* Multi-tasking Capability
* Able to communicate well with the operations group before running experiments
* Assist the Engineer in Line optimization group troubleshooting the production lines when there is a quality issue.
* Perform various measurements at different stages of process step.
* Attended full training in Germany conducted by the mentors.
* Able to check solar cells using equipments in a physical lab.
* Exposure to degradation machines to check solar cell lifetime.
* Performed MSA for Visual inspection system machines to check the stability of the tool.

**Offline instruments experience**

* SHUNTMETER to analyze shunting of solar cell.
* CORE SCAN to measure the Contact Resistance.
* QUAD PROBE to measure Sheet Resistance.
* ELLIPSOMETER to measure the Thickness and Refractive Index of Silicon Nitride(ARC) coating.

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## **February 2003 FREESCALE SEMICONDUCTOR (M) SDN. BHD**

**to *NPI Process Technician***

**September 2008**

* Able to set up, program and run diebonder and wirebond machines

* Able to perform troubleshooting various problems of KNS wirebond machines and ESEC diebond machines
* Able to perform line support during emergency.
* Able to support Front-End and Back-End Assembly.
* Manage the NPI products in the Production line.
* Prepare documentation and setup of machines at Front-End and Back End Assembly.
* Produce data analysis of the Engineering Lot.
* Perform Quality sampling of the Engineering Lots.
* Perform test measurements of the NPI products.
* Recommend measures for improvement on the NPI product quality.
* Update all the NPI product documentation and data collection.

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## **March 2000 Flextronics Technology Sdn. Bhd, Shah**

## **to** **Alam, MALAYSIA**

## **February 2003 *Senior Technician***

* Involved on failure analysis, debug and reporting to the Engineer and Production team about component defects and machine breakdown.
* Troubleshoot Ericsson Mobile phones tested in the Production Line.
* Capable to troubleshoot till circuit board level.
* Knowledge of different tools used in the troubleshooting bench such as Signal Generator, Spectrum analyzer, oscilloscope, power amplifier and the supporting jigs.
* Ability to read work orders that describe the mobile phone failures.
* Measure and test electrical performance of RF/IF and microwave signal processing components. Oscillators, VCO’s, phase detectors.

##### QUALIFICATIONS PROFILE

**Education:** **BEng (Hons) Electrical/Electronic Engineering, 2014**

Sunderland University, U.K

**Diploma in Electrical/Electronic Engineering, 1996**

## Federal Institute of Technology, Kuala Lumpur, Malaysia

**Course on Mini- Link Operation and Maintenance, 1996**

Ericsson Academy , Shah Alam, Malaysia

**Course in Programmable Logic Controller (OMRON), 2002** AIT Management Consultants, Shah Alam

###### PERSONAL DETAILS

Sex : Male

NRIC No . 740308-04-5373 (A2665352)

Date of Birth : 8 March 1974

Marital Status : Single

Languages Known : English, Bahasa Malaysia, Malayalam

#### REFEREES

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#### PROFESSIONAL

#### Mr.Suresh Unni

#### Owner

#### EMS Tech(M) Sdn. Bhd

#### Desa Petaling

#### Kuala Lumpur

Tel: 0123262385

Mr. Rajan Menon

Managing Director

Venus Toolings Sdn. Bhd

Klang

Tel: 0192216850

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