

## CURRICULUM VITAE

### Personal particulars



**FULL NAME:** SUTHAGAR A/L NAGARAJAH

**NATIONALITY:** MALAYSIAN

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**SEX:** MALE

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**RACE:** INDIAN

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**DRIVING LICENSE:** YES **CLASS:** B2 & D

**H/P NO.:** +6017-7686546

**AGE:** 32

**D.O.B:** 08.11.1980

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**MARITAL STATUS:** MARRIED

### Educational profile

NAME OF SCHOOL/ INSTITUTION	QUALIFICATION/ LEVEL	YEAR
• SEK.MEN.BANDAR TENGGARA (1)	PENILAIAN MENENGAH RENDAH (PMR)	1993-1994
• SEK.MEN PERUMAHAN TAMPOI	SIJIL PELAJARAN MALAYSIA (SPM)	1995-1997
• INSTITUT TEKNOLOGI JIBA	TECH. DIPLOMA (ELECTRIC & ELECTRONICS) & MLVK (LEVEL 1)	1998-2000
• DMU MALAYSIA	DEGREE (BSC.ELECTRICAL ENGINEERING)	2009-2011

### Training courses

TYPE OF COURSE	INSTITUTION	YEAR
• COMPUTER HARDWARE & SYSTEMS	INSTITUT TEKNOLOGI JIBA	1999
• PLC SYSTEM & TERMINOLOGY	INSTITUT TEKNOLOGI JIBA	1999
• MICROCONTROLLER PIC	INSTITUT TEKNOLOGI JIBA	1999
• PNEUMATICS (LEVEL 1)	SMC PNEUMATICS (SEA) SDN.BHD.	2000
• BECKHOFF PLC SYSTEM	BECKHOFF AUTOMATION (M) SDN.BHD.	2013

### Employment history

Company: **HID Global (formerly ASSA ABLOY AB) (M) Sdn.Bhd. (Malaysia)**

Position: **Automation System Engineer (Electrical)**

Core business: **Security RFID Products Manufacturing**

Year: **2013 - Current**

Job scopes:

- To oversee & prepare all the necessary things for each upcoming Automation projects such as new parts selection & ordering, schematic drawings (Electrical) preparations, setting up the systems including designing, configuring & PLC programming.

- Guide the Technicians to carry out the commissioning of the project systems including installation, wiring & troubleshooting.
- Liaise with the Process Engineering & Production Dept., to discuss about the current & future Automation modifications/ upgrading projects.
- Carried out a new project called Operation Hours Display & Alarming system for all production machines (Microcontroller based).
- Carry out monthly inspection & maintenance of the all existing project systems including functionality test, programs/ parameter backup & calibrations.

Company: **Specialized Technology Resources (M) Sdn.Bhd. (Malaysia)**

Position: **Assistant Engineer (Project & Implementation)**

Core Business: **EVA Encapsulant (for Solar Panel) Manufacturing**

Year: **2009-2012**

**Job scopes:**

- To oversee & prepare all the necessary things for each upcoming Automation projects such as new parts selection & ordering, schematic drawings (Electrical) preparations, setting up the systems including designing, configuring & programming.
- Guide the Technicians to carry out the commissioning of the project systems including installation, wiring & troubleshooting.
- Organize weekly meeting to discuss about the upcoming projects, current project status & comments, with the Engineer, Supervisor & Technicians.
- Liaise with the Process Engineering & Production Dept., to discuss about the current & future Automation modifications/ upgrading projects.
- Carried out important upgrading & new projects such as VFD (Allen-Bradley AC Drive) based Web Oven Vacuum motor speed control system, Temperature & Humidity Monitoring & Alarming system (Production Area), Paper on Roller sensing system for all machines, Chemical Room Air-con control system (PLC based), Facility Equipments Fault Monitoring & Alarming system (Network I/O based), Die cleaning Station's Human Response & Alarming system, Extrusion Die Connector's Power Disconnection system, Blender's Chemical overshoot protection system.
- Carry out monthly inspection & maintenance of the all existing project systems including functionality test, programs/ parameter backup & calibrations.

Company: **Quick master Techniques Pte.Ltd. (Singapore)**

Position: **Senior Technician (Automation Engineering)**

Core Business: **Automation Engineering, Metal works & Custom-build metal structure fabrications**

Year: **2004-2009**

**Job scopes:**

- Carry out building & Installation of QM-3300/1500/ 1300 Machine's Electrical & Electronics control system.
- Carry out PLC programming for QM-3300/1500/ 1300 series Machine's PLC (**KEYENCE KV & MITSUBISHI FX**).
- Carry out designing of Relay Logics based controls, which are mainly to be used for automated controlling equipment/ machines.
- Carry out the designing & fabrications of Data Metering System, for all QM series Machines & other applications as well.
- Attend weekly meeting with the company's management to discuss about the jobs current progress, pending jobs, etc.
- Carry out supervision of the Technician's outstation jobs, services etc.

Company: **ABB Malaysia Sdn.Bhd. (PORT OF TANJUNG PELEPAS, Malaysia)**

Position: **Technician (Electrical)**

Core Business: **IMPISA Quay Cranes & HANJUNG RTG Cranes Maintenance**

Year: **2002-2004**

**Job scopes:**

- Joined as Technician (Electrical) for **IMPISA** Superpost Panamax container handling cranes. Carry out maintenance jobs such as For AC & DC (shunt type) motors, electro-mechanical system (Mannesmann Rexroth), main cable reel unit (Specimas), DC motor Drive units (**GE DC2000**), Spreader cable reel AC motor drive unit (Siemens Simovert), PLC units (GE Fanuc LM90), Spreader (Bromma), passenger lift system (Alimak) and others, which has to be referred in accordance with the checklist to carry out This task under Preventive Maintenance (PM).
- Carry out upgrading projects, for all Quay Cranes.
- Carry out correction works of electrical equipments under Corrective Maintenance (CM).
- Involved in electrical faults troubleshooting, when the crane is down during operation.

Company: **Uraco Manufacturing Sdn.Bhd. (Malaysia)**

Position: **Technician (Automation Department)**

Core Business: **Computer's HDD Casing Manufacturing**

Year: **2000-2001**

**Job scopes:**

- Joined as Technician (Automation Dept.). Involved in production's machines construction such as auto SPM, Pin Insert, HDD Part defect Detector, Auto Drilling & Tapping and others.
- Involved in development of machine's control system, based on combinations of relay logics, Timers & PLC, including commissioning and troubleshooting of the machines.
- Involved in **MITSUBISHI FX & OMRON** series PLC's logical sequence development, using Windows based Program. These PLCs were mostly to be used in the Production machines.

Company: **Aluminium Industries Sdn.Bhd. (Malaysia)**

Position: **Trainee Technician (Electrical)**

Core Business: **Aluminium sheets & foils papers manufacturing**

Year: **2000**

**Job scopes:**

- Joined as Trainee Technician (Electrical). Involved in construction of electrical motor starters (D.O.L & Star-Delta) for Air-compressors, hydraulic pump (Rexroth) & underground air ventilation fan, in the newly build foil paper mill.
- Carry out Corrective Maintenance (CM) & Preventive Maintenance (PM) for all AC & DC motors and other electrical equipments. Similar jobs also been carried out in company's power sub-station, such as for the oil Circuit Breaker (OCB) & power factor correction equipments (Capacitor Bank), under collaboration & guidance from the Engineers & Chargemens.

**Profession related experience/ Skills**

- Hands-on experience in designing of Relay Logics based automated controls.
- Hands-on experience in electro-mechanical system.
- Hands-on experience in drafting of electrical drawings.
- Hands-on experience in Keyence KV, Mitsubishi Melsec FX, Omron Sysmac PLC & HMI (Human Machine Interface) .
- Hands-on experience in Allen-Bradley Powerflex AC Drive's application.
- Hands-on experience in the machine's Automated upgrading/ modifications.
- Application experience in GSM Telemetry system (using GSM Module & PLC).
- Utilization experience of PCB Development software Protel DXP 2004.

**Language proficiency**

Proficiency level: **0-10**

LANGUAGE	SPOKEN	WRITTEN
ENGLISH	8	8
B.MELAYU	8	8
TAMIL	10	10

**Others**

Posses own transport: **Yes**  
Travelling: **Will consider**  
Transfer/ Re-locate: **Will consider**  
Current Basic salary: **RM3300**  
Expecting Basic Salary: **RM4300 (Negotiable)**  
Availability: **After 60 days notice**

**References**

**Mr. Raguraman Adaikalam**

Relationship: **Superior**

Position: **Automation R&D Engineer –Singapore**

Contact no.: **+65-90613736**

**Mr.Zarul Azni**

Relationship: **Senior**

Position: **Maintenance Engineer - Malaysia**

Contact no.: **+6017-6740277**

**Mr.Selvarajah Suppiah**

Relationship: **Senior**

Position: **Chargeman B0 –Malaysia**

Contact no.: **+6019-7540656**

**Mr.Vicky nathan**

Relationship: **Superior**

Position: **Maintenance Manager- Malaysia**

Contact no.: **+6016-7226435**