

**RESUME**

**DEGREE : Diploma**

**BRANCH : Electrical and Electronics Engineering – Regular**

**PERSONAL DETAILS**

**NAME** : VISHNU.N

**PERMANENT ADDRESS:**

No.53 south street,

Chittulotti,

Maduraii - 625701

🕿+916379883767

**E-mail**: vishnu12e035@gmail.com

**DATE OF BIRTH** : 15.06.1996 **AGE**: 23 **SEX:** Male

**FATHER’S NAME** : Mr. NATARAJAN.A

**MOTHER TONGUE** : Tamil.

**LANGUAGES** :Tamil, English.

**ACADEMIC RECORDS**

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| --- | --- | --- | --- | --- |
| **Course** | **Institution** | **Board/**  **University** | **Year of Completion** | **Marks**  % |
| SSLC  DIPLOMA | APG Mat Higher Secondary School, , Coimbatore-641 006  PSG Polytechnic College, Coimbatore-641 004 | State Board  DOTE | 2012  2015 | 89.5    87.5\* |

**SEMESTER MARKS**

| Semester | I | II | III | IV | V | VI | Over All  % |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Mark percentage | 80.2 | 84.5 | 86.2 | 86.7 | 90.7 | 90 | 87.5\* |

**COMPUTER PROFICIENCY:**

**Packages :** MS-Office, Auto CADD, LT spice, ST utility, ST visual Programmer, HCAP, Demonstrator GUI, Flasher V2.15.

**Platforms used :** Windows 10, Windows XP, Windows 8, Windows 7. Languages known : Basics of MATLAB, JAVA, PYTHON.

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**WORK EXPERIENCE**

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| **Name of the Industry** | **Period** | **Details** |
| Danfoss Industries PVT Ltd | 3.5 years (2015-2019) | R&D division |
| PSG Industrial Institute. | Curriculum (2013-2015) | Heavy Engg. Division, Lathe, Rotating Machinery Division I & II |
| Coimbatore Power Engineering, Coimbatore. | 24 days (2015) | ALSTOM Transport corporations  India. |

**PErsonal Skills:**

* **Strong verbal and written communication skills.**
* **Volunteer Activities.**
* **Organization Skills.**

**QUALIFICATION:**

* **STCW Training certified with CDC for merchant Navy in Sanska Maritime academy.**
* **Deep understanding and professional experience with purchasing contracts.**
* **Inventory management skills.**
* **Supplier Management**.
* **Greeted customers and handled shipping requests.**
* **Assisted customers with the preparation of shipping documentation.**
* **Responded to customer service issues.**
* **Provided assistance as necessary to track delayed or missing shipments.**
* **Support for Master data Management using SAP.**
* **Technical report writing skills.**

**CORE EXPERIENCE:**

* **Tested Refrigeration controllers for field release to Various customers using Koolprog.**
* **Support for test script for Electonic controllers using Python.**
* **Performed Testing for various climatic conditions using Environment chamber in Danfoss industries.**
* **Run Automation test script for Electronic refrigeration controllers using Testand.**

**ROLES & RESPONSIBILITY**

* **Automation Test script to run a controller with koolprog using Python.**
* **Using python supported for writing Test script to develop koolprog and how to communicate using this to a controller.**
* **Test bench setup for koolprog automation test and functional hardware testing. (includes PPAP validation).**
* **Create Bill of materials to design and develop new circuit for advance refrigeration controllers and store in SAP.**
* **Power supply modules boarding up for hardware (ETC , ERC controllers).**
* **Handling Measuring instruments such as Oscilloscope, voltage probes (high and low), current probes, digital millimeter, function generator.**
* **Mechanical instruments such as vernier caliper, screw gauge, weighing machine.**
* **Tensile strength measurements using universal test machine.**
* **DC /AC Power supply range 0-240V to test controller cut-off/cut-on state.**
* **PPAP validation for the electronic refrigeration and thermostat controllers.**
* **Thermal chamber to test the controller temperature range in different conditions.**
* **Additional skills of soldering SMD packages (capacitor, resistor, diode, IC, etc)**
* **Power measurements (line current/voltage) in the designed schematic layout of the controller.**
* **Single phase/three phase power measurements.**
* **Internal components procurement orderer for the project requirements.**
* **Mechanical label design to label a controller.**

**PRODUCT KNOWLEDGE LIVE:**

* **Electronic Refrigeration controllers.**
* **Electronic Thermostat controllers.**
* **Koolkey.**
* **Kooldock.**

**Exta-curricular activities:**

* **Member of community delight** from **(2016-2018)**. Also, extended my support towards Wellness and festive delight in Danfoss industries.
* Effectively, participated in all **social camps** conducted by Danfoss Industries 2015-2018.
* **Winner Carrom 2018** conducted by Danfoss Industries.
* Participated in **paper presentation** conducted by institution of engineers, PSG Polytechnic College.
* **Placement Representative** for department of **electrical and electronics engineering.**
* **Runners up** in zonal level cricket tournament in the year of 2012.
* Participated in **badminton competition in 2012.**
* **Participated in mock interview conducted by brains trust**

**Project WORK under taken:**

* VIRTUAL PEN USING MICROCONTROLLER.

**FIELD OF INTEREST:**

* **Market research skills**
* **Team work**
* **Organizing and Planning**
* **Estimating &Energy Auditing**

**ELECTIVES:**

* Estimating Costing and Energy Auditing.
* Non-Conventional energy

I **VISHNU.N** do here by confirm that the information given above is true to the best of my knowledge.

SIGNATURE

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