Manikandan K  Programmer Analyst Trainee.

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Address: 233, Labour Colony, 3rd Street, Guindy, Chennai-600032, Tamil Nadu.

**CAREER OBJECTIVE**

    Looking forward to associate myself with an organization, where there is an opportunity to share, contribute and upgrade my knowledge for the development of self and organization served.

**WORK EXPERIENCE**

**Quality Control Trainee | 10’Jan’2022 – 28’MAY’2022**

Involved in testing all lamp kinds that are used in automobiles and acquired basic knowledge on AIS & ECE regulations, Photometry lab and also involved in Test Report preparations, and other documentation works.

 **Programmer Analyst Trainee | 31’Jan’2023 – Present**

Currently undergoing training program on JAVA, SQL, SAP programming courses, gaining strong core and technical knowledge in these courses.

**ACADEMIC QUALIFICATION**

* **Rajalakshmi Engineering College.**

BE, Automobile Engineering | Aug 2018 – 2022 | CGPA – 8.48

* **Prince Matriculation Higher Secondary School, Nanganallur.**

Class 11TH & 12TH HSC | 2016 – 2018 | 1054/1200(Bio-Maths)

* **Infant Jesus Matriculation School, Guindy, Chennai.**

Class LKG – 10TH SSLC | 2004 – 2016 | 479/500.

**PROFESSIONAL SKILLS**

* Software skills known: Working knowledge in AUTOCAD, CREO & ANSYS.
* Programming skills known: Basics of Python, SQL, JAVA & SAP.
* Adapting to any environment or culture.
* Ability of willingness to learn new things.
* Ability to work independently or as a part of a team.
* Hard worker and has the ability to motivate myself and others.
* Good at oral and written communication

**PROJECT WORKS**

* **Piston Simulation & Analysis**

               Software: CREO 3.0 & ANSYS 18.1 WORKBENCH

The main concept is to investigate and analyze the thermal stress & mechanical stress distributions of a piston with two different materials or alloys at the real engine conditions during combustion process.

* **Simulation of commercial EV using IPG CARMAKER**

               Software used: IPG CARMAKER.

The main objective is to simulate a vehicle in a virtual test environment and to test case scenario for AEB (Automatic Emergency Braking).

**ACHIEVEMENTS**

* Topper of the school in 10th by securing 479 out of 500 in Infant Jesus Matriculation school, Guindy.
* Participated in **FMAE BAJA SEASON 4** competition organized by Fraternity of Mechanical & Automotive Engineers at FMEA MOTO PARK, Hyderabad
* Participated in **BAJA SAE 2022** National competition organized by SAE INDIA and Secured first prize in Brake Performance and first runner up in AWD Vehicle with a cash prize of Rs.30,000/-

**WORKSHOPS & CERTIFICATIONS**

* Completed PLM WINDCHILL certified course conducted at Rajalakshmi Engineering College.
* Completed SAP & SQL programming course on Udemy conducted through Cognizant Technology Solutions training.
* Completed SQL-Basics (Standard) certified course through Skill Rack platform.
* Completed Python 3.x hands on programming course certified course through Skill Rack.

**PERSONAL DETAILS**

* Languages known : English, Tamil
* Domain Interests : Programming, Data Analysis, Testing and validating.
* Hobbies : Playing outdoor games, gardening and photography.

**DECLARATION**

I hereby declare that the above-mentioned details are true to my knowledge and belief.

Yours faithfully