

CURRICULUM VITAE

HIRTHEESH KUMAR . B

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CAREER OBJECTIVE

To utilize my mechanical trainings and skills and provides significant contribution to the success in effectively. Willingness to work hard in a challenging environment with growth knowledge and creatively to achieve organizational goals

PROFESSIONAL EXPERIENCE

POSITION : DESIGN ENGINEER
COMPANY : **ILLUMINE INDUSTRIES PVT LTD**, Chennai
DURATION : APRIL 2016 to still Present

Responsibility:

- Creation of Residential PV system designs using AUTO-CAD to show site layouts, electrical one and three line diagrams and component installation details.
- Develop design specifications and functional requirements for residential, commercial, or industrial solar energy systems or components.
- Perform computer simulation of solar photovoltaic (PV) generation system performance or energy production to optimize efficiency.
- Interface and provide streamlined project information and detailed bill of materials to the procurement managers.
- Holds design review meetings with internal and external parties as needed to maintain proper QC/QA on projects
- Assist in documenting and developing industry best practices, standards and guidelines.
- By using the AURORA software, the shading properties of the residential, commercial or industrial places.
- Working on the electrical department for electrical calculations and create the data base of entire electrical and structural details.

TECHNICAL PROFILE

- Completed my Graduation of **B.E in Mechanical Engineering** with **FIRST CLASS (CGPA 8.25)** from **R.M.K Engineering College, Kavaraipettai, Thiruvallur**

PASSPORT DETAILS

Number	:	M9583739
Date Of Issue	:	22-05-2015
Date Of Expiry	:	21-05-2025
Place Of Issue	:	Trichy

SOFTWARE SKILLS

- | | | |
|---------------------|---|----------------------------------|
| • Drafting Packages | : | AutoCAD, Cero 2.0 |
| • Platform | : | MS Word, MS Excel, MS Powerpoint |
| • Operating Systems | : | Windows 7, Windows 8 |
| • Others | : | Aurora |

PROJECT DETAILS

Title : Design and Fabrication of water level maintainer for a basin type solar still

Description : To remove the salt from water by solar distillation and using as normal water in the solar still. Here the water level maintainer is designed for giving the constant water level to solar still. So that the efficiency of solar still will be increase.

Title : Development of self lubricating system for the bearings in hydraulic press

Description : To decrease the friction between the bearing surfaces in hydraulic press, the self lubrication system is generated. By using this method, The wear of bearing will be decrease as well as life of bearing will be increase. So that, The efficiency of the hydraulic press will be increased and loss of cost will be decrease.

RESPONSIBILITIES UNDERTAKEN

- Coordinator of National level symposium Impulse 2K14 in R.M.K Engineering College
- Organizer for intra college cultural event conducted by my college

CO CURRICULAR ACTIVITIES

- In plant training at **Diesel Loco Shed**, Southern Railway, Golden rock, Trichy
- Undergone certificate course on **Product Lifecycle Management** in R.M.K Engineering College
- Cleared **Business English Certificate** Exam conducted by University of Cambridge
- Underwent industrial visit to **Ashok Leyland**, Ennore, Chennai

PERSONAL DETAILS

Name	:	HIRTHEESH KUMAR. B
Father's Name	:	Mr.A.BASKARAN
Date Of Birth	:	30-05-1994
Gender	:	Male
Marital Status	:	Single
Nationality	:	INDIAN
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DECLARATION

I hereby declare that the above mentioned statements are true and correct to the best of my knowledge.

Place:

Date:

(Hirtheesh Kumar .B)