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## CAREER OBJECTIVE

Aspiring Mechanical Engineer with hands-on experience in manufacturing and innovation. Passionate about problem-solving, leadership and applying technology to real world challenge.

## EDUCATION

B.E. Mechanical Engineering | Builders Engineering College | Affiliated by Anna University.

## TECHNICAL SKILLS

Sl. No	Skills	Competency Level
1.	Auto CAD	Proficient
2.	Creo	Proficient
3.	Catia	Basic
4.	Python	Proficient
5.	C	Basic

## INTERNSHIPS

**Organization Name:** Bharath Heavy Electricals Limited (BHEL), Tiruchirappalli.

**Duration:** 13.08.2024 – 26.08.2024 (14 days).

### Technological Exposure:

- Studied boiler manufacturing, focusing on tubing and piping section.
- Observed CNC machining, welding, fabrication techniques, learned automation, quality control and industrial workflow.

- Gained insights into thermal power plant components and their applications.

## **PROJECT**

**Title:** Development of Refrigerant Boilers for Organic Rankine Cycle used in Solar Electric Energy Conversion.

**Scope:** To develop a refrigerant boiler with the help of Evacuated Tube Solar Collector (ETSC) of organic rankine cycle which is used in solar electric energy conversion.

**State & Approach:** In progress and I design a 3D model by using a Catia software.

## **CERTIFICATIONS**

- AI for Beginners – HP Life (28.01.2025)
- Basics of Python – UniAthena (29.01.2025)
- I completed the Foundation Level training with the Institution Innovation Council (IIC).

## **EXTRA CARRICULAR ACTIVITIES AND ACHIEVEMENTS**

- Participated in MSME idea hackathon.
- Organized technical event, student clubs during my first year.
- I am the secretary for Innovation and Entrepreneurship Development Cell and Innovation Ambassador of our college in student category.

## **SEMINARS & PAPER PRESENTATION**

- I am participated in the workshop of 3D printing Technology at SNS Institution, Coimbatore on 19.03.2024.
- I participate paper presentation in the topic of Underwater welding with Robots at Government college of Engineering (IRTT), Erode on 12.03.2024.
- I am also participating in seminars in the topic of Spintronics and Instrumental Transformers in our college.

