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# SWARUP SEKHAR MOHANTY

Chauliaganj, po- Nayabazar, Dist- Cuttack , Odisha, pin- 753004

## Objective

To leverage my technical expertise in machining operations, design software, and quality control to contribute effectively to a dynamic engineering team. I aim to grow as a mechanical professional by applying innovative problem-solving, precision in execution, and continuous learning, while adding measurable value to the organization.

## Education

### **Ajay Binay Institute of Technology CDA Cuttack Odisha**

BTech Mechanical engineering  
2023-2026 — **7.9 cgpa**

### **Suddhananda Engineering College Bhubaneswar**

Diploma in mechanical engineering  
2020-2023 — **8.2 cgpa**

### **St. Xavier High School Nayabazar Cuttack**

Matriculation  
2007-2020 — **63%**

## Experience

### **Laxcon steel ltd**

1/11/2025 - till now

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Graduate Engineer Trainee (Mechanical Maintenance) | Laxcon Steels Ltd.  
Executing preventive and breakdown maintenance for heavy industrial machinery in the Steel Melting Shop (SMS), including EOT cranes, induction furnaces, and Fume Extraction Systems (FES) and also in (AOD) vessel changing and allignment, Truninon inspection nd maintenance

Software: SAP (Indent/Material Management), Microsoft Excel (Data Tracking), Technical Reporting.

### **Victoria Industries**

15/03/2022 - 01/08/2022

DET

Victoria Industries, Gujarat  
Diploma Engineer Trainee (DET)  
\*(15/03/2022 – 01/08/2022)

Operated and maintained Hydraulic Press Machines to support production.

Prepared and maintained Daily Production Reports (DPRs) for audits.

Assisted in Quality Control to ensure compliance with industry standards.

### **CTTC**

01/06/2024 - 30/06/2024

Autocad design and workshop

Central Tool Room & Training Centre (CTTC) – Government of India  
Industrial Training. summer training  
( 01/06/2024– 30/06/2024)

Gained hands-on experience in material design and machining processes.  
Worked extensively in the hardware workshop with Milling, Grinding, and Lathe Machines.  
Completed training in AutoCad

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**Skills**

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Machining Operations: Milling Machine, Grinding Machine, Lathe Machine, CNC Machine Operation

Design Software: AutoCAD

Productivity Tools: Microsoft Office (Word, Excel, PowerPoint)

Production & Quality: DPR preparation, Quality inspection support, Hydraulic Press Machine operation

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**Projects**

**EDIBLE PACKAGING USING BEE WAX**  
During my BTech degree, I have also worked on edible Packaging using bee wax. The main motive behind making this packaging is to reduce the pollution and Developed biodegradable food packaging film with beeswax to replace plastics, enhancing sustainability and food safety.

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**Hydrogen fuel cell**  
Designed and analyzed a clean energy system using hydrogen as fuel, focusing on electrochemical conversion, efficiency improvement, and sustainable power generation.

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**Additive manufactured component fatigue**  
This is my final year minor project. We basically worked on and Investigated fatigue life of 3D-printed mechanical components through simulation and analysis, focusing on failure mechanisms, material behavior, and performance improvement in additive manufacturing.

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**Achievements & Awards**

Winner in Poster Presentation at NITTTR Kolkata, showcasing innovative engineering concepts in poster presentation

Secured 2nd Position at the 25th ISTE State Level Convention, Balasore, for technical excellence in poster presentation.

Awarded 2nd Position in Techno Management Fest, ABIT Cuttack, for problem-solving and innovation in poster presentation

Presented project at BPUT Project Exhibition 2023, demonstrating research and practical application skills.

Participated in BPUT Carnival 2024, contributing to technical and cultural events.

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**personal information**

Father's Name- Rupak Kumar Mohanty

Mother's name - Sabita das

Date of Birth - 20 March 2004

Marital Status - Unmarried

Gender- Male

Languages Known -English, Hindi & Odia.

Nationality - Indian

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Signature:



Swarup sekhar Mohanty

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