ABHISHEK BAJPAI

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CAREER OBJECTIVE

B.E. in Mechanical Engineering graduate seeking an entry-level position in an organization which provides me ample opportunities to enhance my skills while exploring the various aspects of the field as an engineering professional along with contributing to the overall success of the company.

WORK EXPERIENCE

- **THINK AND LEARN PVT LTD [BYJUS] (05/07/2022 – Till Date)**
  As a Business Development Associate I was engaged with Sales team to generate revenue for the organization. The list of duties and responsibilities and achievements are as follows:
  - Finding potential customers and reaching out to them via phone calls.
  - Conducting Counselling session over Zoom with the students and parents.
  - Pitching the product over Zoom meeting and generating revenue.
  - Total revenue generated till date – 2.1Lacs

- **JBM AUTO LTD (23/01/2019 – 4/05/2019)**
  As an Industrial Trainee I was engaged with processes and operations in Procurement, Engineering (NPD) and Production Divisions.
  - PROCUREMENT DIVISION
    - Generation of Purchase Requisitions
    - Generation of Comparision Sheets
    - Generation of Approval Notes
    - SAP(MM) Documentation
  - ENGINEERING(NPD) DIVISION
    - PPAP Documentation
    - Detailing and Balooning of Design Records
    - BOM Documentation
    - Generation of Process flow chart
    - Monitored installation of Schuler P2E2Sq 450T Eccentric type Hydraulic Press
  - PRODUCTION DIVISION
    - Maintaining daily production records of LPS and HPS line.
    - Ensuring smooth functioning of LPS and HPS line.
    - Generation of new kaizen ideas
    - Optimization of Process flow time of HPS line.

EDUCATIONAL QUALIFICATIONS

Year of Passing	Degree	Institute, City	Percentage
2019	B.E (M.E-Design)	Chandigarh University, Mohali	74.2%
2014	Senior Secondary (C.B.S.E)	SGN Senior Secondary School	65.5%
2012	Matriculation (C.B.S.E)	SGN Public School	67.0%

ACADEMIC ACHIEVEMENTS

- Elected as Class Representative.
- Student coordinator in various events of cultural-fest and tech-fest held at Chandigarh University.
- Bronze medalist in International Olympiad of Science.

SOFTWARE COMPETENCIES

- AutoCAD
- Matlab
- Solid works
- Good knowledge of C & C++ Languages

PROJECTS UNDERTAKEN

1. Project Name: Electromagnetic Brake		
Project Description	:	The principle of electromagnetism is used to achieve frictionless braking. A magnetic flux is passed in a direction perpendicular to the direction of the rotating wheel, eddy current starts flowing in a direction opposite to the rotation of the wheel lowering the speed of the wheel. This tends to increase the life span and reliability of brakes since no friction leads to less wearing out of brakes. Also it requires less maintenance and oiling.
2. Project Name : Thermoelectric Generator		
Project Description	:	This project demonstrates the direct conversion of heat into electrical energy using the see beck effect. The Key component is the peltier module that is sandwiched between two metal cans. The substantial temperature difference between the two sides of Peltier elements leads to generation of sufficient electricity as to run the electric motor and the propeller fitted to it.

3.Project Name : Mini Conveyor using Geneva mechanism		
Project Description	:	The Geneva mechanism is used in this project to convert continuous circular motion into fixed step circular motion. Geneva mechanism requires a rising circular connector extending above the rotating disc to lock between slots in the Geneva wheel and drive it. So we proposed a conveyor belt that moves products at regular time intervals, as needed by many automation lines.
4.Project Name : Design and fabrication of Solenoid Engine		
Project Description	:	This project basically works upon the electromagnetic attraction. It is an electromagnetic device which moves the plunger as per the coil magnetism. Whenever electric current is supplied to conductor a surrounding magnetic field is set up at its surface and it works as electromagnet. The electromagnetic force depends upon the current flowing through coil and number of turns that wound on coil. As the current passes from coil is works as electromagnet and the basic idea is about to run the engine on magnetic attraction and repel principle.

INDUSTRIAL EXPERIENCE

- **JBM Auto Ltd(Faridabad, Haryana)-5 months**
  - Worked as an Industrial Trainee during final semester for a duration of 5 months.
  - Worked in Procurement, Engineering, Production and Quality assurance dept.

- **Indraprastha Power Generation Corporation Limited, (Indraprastha, New Delhi)-6weeks**
  - Underwent for 6 weeks industrial training.
  - Worked in Steam Turbine Plant section of the organization.

- **Swam Pneumatics Pvt. Limited, (Noida, Uttar Pradesh)-6weeks**
  - Underwent for a training period of 6 weeks.
  - Worked in Operations and Maintenance Department of the organization under Vacuum Division.

INTERPERSONAL SKILLS

- Able to prioritize individual workloads according to deadline.
- Good presentation skills.
- Key Learner with strong zeal to learn new technology.
- Disciplined, Dedicated and hardworking with an ability to easily adapt changes in work environment and technologies.
- Good analytical & reasoning skills.
- Ability to work individual as well as in team.
- Ability to rapidly build relationship and set up trust.

EXTRA-CURRICULAR ACTIVITIES

- Participated in Automobile and IC Engine workshop at IIT-Delhi.
- Organized five competitions at TECH-INVENT, Chandigarh University.
- Participated in various Debate competitions both at school and university level.

HOBBIES/INTERESTS

- Playing Billiards and Chess
- Listening Music.
- Surfing Technical Blogs.

PERSONAL INFORMATION

Date of Birth	:	05th September, 1997
Gender / Marital Status	:	Male / Un-married
Language Proficiency	:	English, Hindi, Punjabi, German (Beginner)

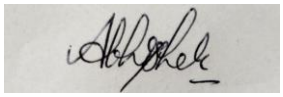
DECLARATION

I do hereby declare that the above information is true to the best of my knowledge.

Name: Abhishek Bajpai

Date: 22/08/2022

Place: New Delhi



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