Neelesh .N. Pataki

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Career Objective

To accept challenging career in an organization where I can contribute my experience, expertise and talent in an environment of open communication, activity, vision and growth, which can grow my intellectual property and enable me to learn new technologies and methodologies to deal with real life problem.

Education

Don Bosco College of Engineering | Fatorda, Goa
Bachelor of Engineering | 06/2023

- I have CGPA of 8.19.
- I had taken Industrial Engineering and Operations Management and also Automobile Engineering and also completed project in Predictive Maintenance using Machine Learning.
- Had interest in CAD/CAM subject and passed with good grades and also have a very good sound knowledge of Solidworks, AutoCAD.
- Had taken Data Mining & Warehousing and Machine Learning as an open elective subject from computer department, also had taken Supply Chain Management and Six Sigma Management as mechanical core elective subjects and passed with good grades.

Government Polytechnic Curchorem | Curchorem, Goa
Diploma in Mechanical Engineering | 04/2020

- I have completed my Diploma course in Mechanical engineering held by the Board of Technical Education, with a percentage of 71.08.
- I was selected as 'College Ambassador' to represent my college in various events and workshops.

Guardian Angel High School | Curchorem, Goa
SSC | 03/2014

- I have passed my SSC exam under Goa Board with a percentage of 73.33.
- I was the School Captain during my High School period.

Internship

Malco Energy Vedanta Ltd | Goa, Cuncolim
08/2022 - 10/2022

- In RMW, SSEP, Leaching, Solvent Extraction and Crystallisation I was told to gather the information related to the tanks, pumps, motors, working and non-working to upload the data on SAP.
- I was also assigned work in the workshop for the maintenance of pumps, motors and also to disassemble and assemble the parts related to the units.
- During my internship tenure, the data I collected from the various departments were put on excel and then uploaded on SAP.
- I have experienced working under pressure, time constraint and got a hands-on experience in mechanical work.
- Most valuable skill I gained from the internship is the ability to speak with people in a professional setting, and most importantly my soft skills are very much improved than earlier.

Bosch Packaging Ltd | Goa, Verna
08/2019 - 10/2019

- I was assigned work at the Manufacturing Dept. of Bosch Goa. At the shop floor, I helped to assemble the mechanical components of the machines in the HFFS department.
- Daily targets were set as to how much of the machine was to be made ready by the end of the day. Deadlines were met when all the components were made available at the time of assembly.
- I have gained the technical knowledge and the non – technical knowledge by working in this industry. Technical knowledge as in how to assemble a part by looking at the 3D sketch on the computer known as "E – drawing". And the non – technical knowledge which I have grasped is soft skills and when I was in LOG – 3 (Logistics) I learnt how to use SAP and LIS known as Logistics At Your Finger Tips.
- Through my internship and education, I have developed strong communication skills, and I'm able to clearly convey points to different audience.

Strength

Good written and communication skills, Ability to meet strict reporting deadlines, Willingness to learn and take added responsibilities, Self motivated and proactive, Ability to work independently with minimal direct guidance, Delivering solid action oriented results, Ability to work under pressure

Languages

English, Hindi, Marathi, Kannada, Konkani

Interests

Travelling, Outdoor sports, Trekking, Learning new languages, Bike riding

Academic Project

Detection of Fouling in Heat Exchangers by prediction algorithm using Machine Learning

- Objective of project: To study and analyse the fouling in heat exchangers, why it takes place more often and, using Machine Learning, MATLAB and Python to create prediction algorithm to predict fouling.

Design and Manufacturing of Solar Powered Lawn Mower
- Objective of project: Design and development of Solar Powered Lawn Mower by using a DC motor and fixing a solar on top or at fixed location and making a hybrid using machine which can charge the battery while using the mower.

Courses and Computer Skill

- Air Pollution and Control (NPTEL)
- MS Office
- Solid Works
- Auto CAD
- E - drawing
- ANSYS

Extra-Curricular Activities

- 1st prize in Football at State level and also represented Team Goa in Subroto Cup, Delhi.
- 1st prize in sports quiz competition at Agnel Polytechnic Verna.
- Represented at various other sports like Badminton, Cricket, Volleyball at State and Taluka level.
- Participated in various other competitions like Elocution, Reading, Story-Telling, Acting.
- Also participated in various other quiz competitions related to Current affairs, Geography, History.

Personal Details

Date of Birth :23/05/1998

Nationality :Indian

Gender :Male

Marital Status :Single

Address :Near telephone exchange, Bepquegal,
Curchorem, Quepem - Goa 403706

Declaration

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