Suprodip Borthakur

91-8638142684
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Cognizant, Programmer Analyst || Mechanical Engineer || Co-founder of Engineer to Learn and Innovate Technology (Club) || Coding Enthusiast

EXPERIENCE

Cognizant Technology Solutions, Kolkata — *Programmer Analyst.*

December 2020 - PRESENT

Trained on ASP .NET MVC. Assigned as a Contractor to LEVI'S for maintaining and developing its applications.

IOCL, Digboi — *Summer Intern*

June 2019 - July 2019

Learned about the internal working and role of equipment like gas turbines,steam turbines,reciprocating and centrifugal compressors ,boilers which are key units in the manufacturing process of crude oil byproducts.

HAL,Bangalore — *Summer Intern*

June 2018 - June 2018

Learned about the aerodynamic principles and the wind tunnel testing methods behind the making of Light Combat Aircraft, popularly known as the LCA Tejas.

EDUCATION

Tezpur University, Tezpur — *B.Tech in Mechanical Engineering.* **CGPA-7.19/10**

August 2016 - July 2020

The Little Senior Secondary School, Digboi —

Class XII(Senior Secondary Examination),CBSE

May 2015 **Aggregate-89.8%**

Carmel School, Digboi —

Class X(Secondary Examination),ICSE

May 2013 **Aggregate-74.5%**

SKILLS

HTML5, JavaScript, C++,Bootstrap, CSS.

Microsoft SQL Server.

CATIA, MATLAB,FEA.

C++, C#, C.

Entity Framework.

ACHIEVEMENTS

Interdepartmental Basketball Champions. As a Captain I led my department to become the winners in the years 2017 and 2018.

CERTIFICATIONS

Work System Design (NPTEL) -Elite+Gold Certificate. (91/100)

Operations Management(NPTEL) -Score : 100%

WORKSHOP

-3D Painting
-Applications of CAD/CAM in Engineering design.
-CNC Machining
-Lean Manufacturing
-ISO,Kaizen and 5S.

PROJECTS

Project Name — *Design, Analysis and Fabrication of a Vertical Bicycle Stand.*

The proposed design of the vertical bicycle stand aims mainly on a simple and smart bicycle lift which is an alternative to the traditional bicycle rack. The model was designed in CATIA and force analysis was done on ANSYS. The design for the vertical bicycle stand is modelled such that it can be fitted in an area which can as small as 6ft*1ft.

Project Name — *Question Paper Generation.*

Worked on development of a Question Paper Generation portal using ASP .NET MVC framework from which users can sign in and take assessments on their preferred subjects, submit feedback, get their course completion certificate as a PDF. The portal also includes admin authentication and authorisation. The admin can resolve the issues raised by the users, map questions to the topics, update questions and answers, update exam details.