



Devanshu Dewanda

B.Tech – Civil Engineering – IIT Dhanbad

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EDUCATION

Indian Institute of Technology (ISM), Dhanbad — B.Tech, Civil Engineering

JULY 2018 - MAY 2022 CGPA – 7.59

K.V.M Public School, Sikar — 12th / RBSE

APRIL 2017 - APRIL 2018 88.60%

S.V.M Public School, Jaipur — 10th / CBSE

APRIL 2015 - APRIL 2016 CGPA - 9.00

VOCATIONAL EXPERIENCE / TRAINING

Entuple Technologies Pvt. Ltd, Bengaluru, India

Aug 2020 - Sep 2020

(Ansys Mechanical Intern)

- Worked on 3D structural simulation projects for the firm using concepts of structural analysis, thermal FEA, and nonlinear and contact analysis.

The Climber knowledge and Careers, Bengaluru, India

June 2020 - July 2020

(Sales and Marketing Intern)

- Part of the Marketing team and targets were reached upto 90% and deals converted up to 70%.
- Hired and Trained more than 100 students for revenue generation while working in the HR Department.

PROJECTS

Cantilever Beam Analysis — Ansys

Aug 2020

- Stress, Strain, Total deformation, and Strain energy of cantilever beam under perpendicular and tensile loadings is calculated and results are simulated in ANSYS mechanical.
- <https://drive.google.com/drive/folders/1PZWYTDVaTZVgecbs7kh78B8iuEXCZ5lE?usp=sharing>

Dragon Warrior Game — Python Programming

July 2020

- This game is created by using Python programming and is similar to “Plant vs Zombies game” and uses browser accessing and user-built classes in Python.
- <https://drive.google.com/drive/folders/1WtDqEE4IdTkY9la8UoeFzOmxjBWjt6-T?usp=sharing>

Quadcopter Motion Analysis — SolidWorks

July 2020

- It is a 3D CAD model in SolidWorks where motion analysis under various wind loads and suitable rpm is checked.
- <https://drive.google.com/drive/folders/1oYaauCuk1sqTQWNTdF3ZYRuVA7bM-6yt?usp=sharing>

Hydraulic Gear Pump — SolidWorks

June 2019

- It is a 3D CAD model used in hydraulic structures and includes flow simulation of fluids, and design animation.
- https://drive.google.com/drive/folders/1_7-DF1xIozXSs6_ktkrM25VJJVnMpnoE?usp=sharing

SKILLS

- Software tools : SolidWorks, Ansys Mechanical, AutoCAD, StaadPro.
- Languages : Python, C programming, C++, Java, R.
- Technical Skills : UI & UX design, Data Analytics, Web Development, Game Development, Ethical Hacking, Android App Development, Cryptocurrency and Blockchain Technology, Cloud Computing, Full Stack Development.
- Digital Marketing.

Courses/Workshops

Introduction to Sustainability, University of Illinois, Coursera

July 2020 - Sep 2020

- Studied Growth curves, Malthusian principles, Demographic Transitions, TofC, Kuznets curve, NIMBYISM, trends of energy use and ecosystems.

Satellite Photogrammetry, IIRS, ISRO

July 2020 - Aug 2020

- Studied Digital Image Processing, DEM's, ISPRS, rectification, topographic mapping, DSM's, navigation systems, stereovision, DGPS method, principles of differential correction, stereo views, and aerial and satellite photogrammetry.

Tech Foundations, Specialization offered by iB Hubs

May 2020 - Sep 2020

- Learned C programming, Python, C++ and STL, Data Structures and Algorithms, and Fundamentals of Machine Learning.

Finance and Stock Marketing, The Climber

May 2020 - June 2020

- Studied about ownership, management, corporate finance, IPOs, Annual Reports, portfolios, and Balance sheet analysis.

COP+25, IARF, Centre for UN

Dec 2019 - Jan 2020

- Studied about different climate conferences, Katowice outcome, Paris Agreement, Effects of climate change, and achieved A grade in the following course.

TEQUIP III, IIT kanpur and EEFLU hyderabad

Nov 2019

Modeling and Simulation, IIT kharagpur

May 2019 - June 2019

- Learned and applied practical knowledge of modeling and simulation of 3D designs using SolidWorks.

POSITIONS OF RESPONSIBILITY

- Events Team Coordinator of Logistics in Student Gymkhana for the year 19-20.
- Member of American Society of Civil Engineering (ASCE).
- Organiser of Footloose and Hustle Herd dance competition in Srijan'20, the Annual Cultural Fest of IIT(ISM) Dhanbad.

ACHIEVEMENTS

- 3 rd State and 647 international rank achiever in SmartKid Olympiad 2k14.
- Achieved 1st position in 3D CAD modeling competition in SolidWorks at IIT Kharagpur.
- Winner of Truss the frame in CONCETTO'19, the Annual Techno-Management fest of IIT(ISM) Dhanbad.
- 2 nd runner up of Centrifuge (Dance competition) in Spring Fest'20, the Annual Cultural fest of IIT Kharagpur.

EXTRACURRICULARS

- Member of Street Dance Society- WE THE CREW at IIT ISM Dhanbad.
- Member of Fast Forward India (NGO) run by students of IIT ISM Dhanbad.
- Taught underprivileged students under World Youth Council as a part of Teach from Home internship.
- Campus Ambassador in Kashiyatra, the Annual cultural fest of IIT(BHU) Varanasi.

Personal Information

Nationality- Indian

Languages- English, Hindi, Korean

DOB- 15 Sep 2001

Hobby- Street Dancing.