Suyash Agnihotri

Mechanical Engineering | IIT Jodhpur
agnihotri.1@iitj.ac.in | 9621963322 | Portfolio ☑

EDUCATION

IIT JODHPUR
B.Tech in Mechanical Engg.
Batch 2023
Cum. GPA: 8.36 / 10.0

ST. JOSEPH'S SCHOOL
Class 12 | CBSE
2018 | NTPC Rihand, India
Percentage : 97.2% (District Topper)
Class 10 | CBSE
2016 | NTPC Rihand, India
Performance : 10 CGPA

LINKS

Github:// **suyashagno3**
LinkedIn:// **Suyash Agnihotri**
HackerRank:// **Suyash Kumar Agnihotri**

SKILLS

LANGUAGES
Proficient:
• C++ • Python • C
• HTML • CSS
Familiar:
• JavaScript • Matlab • Latex

DEVELOPMENT
• ReactJS • Material UI
• Bootstrap • Git • Figma • Flutter

OTHER SKILLS
• Competitive Programming
• Machine Learning • Adobe Premiere Pro
• Adobe After Effects
• Leadership • Public Speaking
• SolidWorks

COURSEWORK

UNDERGRADUATE
Mechanics of Solid
Fluid Mechanics
Engineering Design
Introduction to Machine Learning
Signal and Systems
Data Structure and Algorithms
Linear Algebra
Differential Calculus
Scientific Computations

PROJECTS

GYMKHANA INVENTORY | Development | Github ☑
Feb 2021 – Present | IIT Jodhpur, Jodhpur
- Working on a dynamic website from scratch for Inventory Management which will be used to issue, request and approve equipments.
- Components made- Navbar, Footer, Home page and also worked on Routing. All components were fully responsive.
- Tech-Stack: **React JS, HTML, CSS, JavaScript,Material UI**

SHOPPING-APP | Development | Github ☑
Self Project
- A complete shopping app which lets you add favorites, add items to cart and place orders.
- The app also has authentication using Firebase and all data is stored and fetched from Firebase.
- Tech-Stack: **Flutter, Firebase**

POWERBANK RENTAL SYSTEM | Engineering Design Project
August 2019 – August 2020 | IIT Jodhpur, Jodhpur
- Worked with a team of 8 members from different domains and ideated this project and worked to come up with a PowerBank Rental System(similar to Yulu)
- Made a soft prototype using Solidworks for the Hardware part of project
- Tech-Stack: **Solidworks, Arduino**

DECISION TREE PRUNING | Github ☑
December 2020 - January 2021 | Course Project
- Analysis of various error estimators for selecting minimum error Decision Tree using CART induction program.
- Reviewed and suggested possible technical updates

ACHIEVEMENTS

2020	**Department Rank: 2** as of 2nd Trimsester AY 2020-21
2020	**Institute Summer Challenge** ☑ : 1st place in Ideation Category
2019	**JEE-19:** Qualified in top 0.9% percentile among 13 Lakh JEE aspirants
2018	**12th CBSE:** Scored 97.2% and was declared District Topper

POSITIONS OF RESPONSIBILITY

2021-Present	**Joint Secretary** of the **Video Making and Film Making Club, IIT Jodhpur**
2021-Present	**Student Guide** at the **Student Wellbeing Committee, IIT Jodhpur**
2020-2021	**Student Representative** for the Batch of 2023 in the 1st year

EXTRACURRICULAR

- **Core Member, E-cell** as an active member in Finance and Management division
- Part of Football team of IIT Jodhpur and represented the college at **Inter IIT Sports Meet,IIT Kharagpur, 2019**
- Core member of Media Team in **Ignus(Cultural Fest)**
- Won Two Bronze medals at **CBSE Zonal Level** for Football and won 1st prize in Badminton Doubles category at **District Level**