

Suyash Agnihotri

Final Year | Mechanical Engineering | IIT Jodhpur
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EDUCATION

IIT JODHPUR

B.TECH IN MECHANICAL
ENGINEERING

Expected May 2023

Current CGPA : 8.2 / 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

CGPA : 10/10

LINKS

Github: [suyashagno3](#)

PortFolio: [Portfolio](#)

LinkedIn: [Suyash Agnihotri](#)

LeetCode: [SuyashAgno3](#)

HackerRank: [suyash1304](#)

SKILLS

LANGUAGES

Proficient:

• C++ • C • HTML • CSS • SQL

Familiar:

• Python • JavaScript • Matlab

DEVELOPMENT

• ReactJS • Flutter • Material UI

• Git • Bootstrap • Figma

OTHER SKILLS

• Adobe Premiere Pro

• Leadership • Public Speaking

• SolidWorks • After Effects

COURSEWORK

UNDERGRADUATE

Data Structure and Algorithms

Introduction to Machine Learning

Introduction to Computer Science

Linear Algebra

Differential Calculus

Signal and Systems

Production Management

Managing Human Capital

MOOC

Flutter & Dart - The Complete Guide

React - The Complete Guide

EXPERIENCE

BECTON, DICKINSON AND COMPANY | SUMMER INTERN

May 2022 – July 2022 | ETO Sterilization

- Worked on the **Ethylene Oxide Sterilization** process done at BD Bawal.
- Analyzed the novel process data and utilities usage to find anomalies in the current process and evaluated the possible causes.
- Identified improvement opportunities in the current process and suggested an action plan to address the problems

WILLINGS INC. | SDE INTERN

Jul 2021 – Sep 2021 | Zynas - Disaster Prevention App

- Collaborated with a team of 8 members to develop a **Disaster Prevention iOS** application for Japanese school students & teachers using **Flutter**.
- Implemented seamless app navigation routes & camera invoke capabilities for selecting & capturing images using **Image Picker** dependency
- Developed a feature which lets users add/edit data to a point on the image with the help of a balloon pop-up which dynamically shows up on tapping at that point.

PROJECTS

FINANCIAL MARKET RESEARCH | FINLATIC

Dec 2021 - Feb 2022 | Finance

- Worked with Finlatics as Equity Markets Analyst and completed in-depth research on Technology and the FMCG sector.
- Created and managed a real-time simulated portfolio of BSE 500 listed companies.

GYMKHANA INVENTORY | DEVELOPMENT | GITHUB

Feb 2021 – Mar 2021 | IIT Jodhpur | React JS, HTML, CSS, Material UI

- Worked in a Frontend team of 4 developers to develop a dynamic website using **ReactJS** for Student Gymkhana to serve the purpose of inventory management.
- Implemented navigation and developed fully responsive and clean UI for Footer, Header and Home Page using **Material UI**.

DECISION TREE PRUNING | MACHINE LEARNING | GITHUB

Dec 2020 - Jan 2021 | Course Project | Introduction to Machine Learning

- Analysed and Reviewed various error estimators for selecting minimum error Decision Tree using CART induction program .
- Reviewed and suggested possible technical updates on the existing solutions.

ACHIEVEMENTS

2021 **Ranked 232** in **Data Analytics** amongst 455,534 registrations in Upraised Embark

2021 Secured a rank among **Top 100** in **Xiaomi Ode2Code** organized by HackerEarth

2020 **Department Rank: 2** till 2nd Trimester AY 2020-21

2020 **Institute Summer Challenge**: 1st place in Ideation Category

2019 **JEE-19**: Qualified in top 0.65% percentile among 1.2 million JEE aspirants

POSITIONS OF RESPONSIBILITY

2022-2022

Resource Management Head of Varchas - Sports Fest of IIT Jodhpur

2021-2022

Joint Secretary of the **Video Editing and Film Making Club**, IIT Jodhpur

2021-2022

Student Guide at the **Student Wellbeing Committee**, IIT Jodhpur

2019-2020

Student Representative for the Batch of 2023

EXTRACURRICULAR

• Represented IIT Jodhpur at **Inter IIT Sports Meet, 2019** in Football

• Core member of Media Team in **Ignus - Cultural Fest** of IIT Jodhpur