Sandesh Singh

Final Year | Mechanical Engineering | IIT Jodhpur
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EDUCATION

IIT JODHPUR
B.Tech in Mechanical Engg.
Current CGPA: 8.42 / 10
May 2023 | Jodhpur, India

THAKUR VIDYA MANDIR
Class 12 | HSC
Percentage: 88.15%
May 2019 | Mumbai, India

THAKUR INT'L. SCHOOL
Class 10 | ICSE
Percentage: 95.5%
May 2017 | Mumbai, India

SKILLS

LANGUAGES
Proficient:
• Python • C • C++
• HTML • CSS • Dart
• JavaScript • TypeScript
Familiar:
• Java • Solidity • GraphQL
• Matlab • Latex

DEVELOPMENT
• ReactJS • React Native
• VueJS • Flutter • Django
• Git • Firebase • Linux

OTHER SKILLS
• Competitive Programming
• Public Speaking • Debating
• Webinar Host • Quizzing
• Adobe XD • Creo Parametric

LINKS

Portfolio://**Sandesh1013** ⬈
GitHub:// **Sandesh1013** ⬈
LinkedIn:// **Sandesh Singh** ⬈

COURSEWORK

UNDERGRADUATE
Introduction To Computer Science
Introduction to Machine Learning
Data Structures and Algorithms
Signals and Systems
Scientific Computations
Production & Operations Management
Managing Human Capital

MOOC'S
Flutter Dart-The Complete Guide
Responsive Web Design
Django Developer Bootcamp
Modern JavaScript From the Beginning

EXPERIENCE

LUMMO | Software Development Intern
May 2022 - August 2022 | ReactJS, TypeScript, Apollo GraphQL
- Worked with **ReactJS and TypeScript** to learn and implement features in industry level code, by executing various functionalities in tasks assigned.
- Gained crucial experience in software development practices such as **Agile methodology, OOPs** and generating clean, reusable and scalable code.

LUMENCI | Apprentice-Product
May 2021 - July 2021 | HTML/CSS, Python, JavaScript
- Added multiple intelligence features using **NLP and ML techniques** across products leading to effective results whilst using features of the **Google Cloud Platform**.
- Improved and debugged the current frontend of products using **HTML/CSS along with JavaScript**, leading to a seamless interface.

STOPSTALK APP ⬈ | Flutter Developer   Downloads:500+ | Rating:4.8
November 2020 - June 2021 | Flutter | GitHub ⬈
- Collaborated with StopStalk,a Sport Programming website with thousands of users ,to **publish a dynamic multi-functional cross-platform app** on the **Google Play Store**.
- Developed multiple dynamic screens with **real time JSON data updates** including the recommendations screens and the searching/adding friends screen whilst creating various reusable components throughout the application with **excellent UI/UX.**

PROJECTS

ANALYSIS OF TECHNICAL INDICATORS | Design Credit Project
January 2022 - July 2022 | Python | GitHub ⬈
- Studied various **Technical Indicators** and applied **Quantitative technical analysis** to define metrics for prediction of assets, and generate signals for ideal yields.
- Developed several algorithms combining **multiple technical indicators** and assigning suitable weights by **hyperparameter-tuning** based on assets to achieve optimal returns.

DEVLUP LABS PORTFOLIO ⬈ | Web Developer + Mentor
April 2020 - July 2020 | VueJS, Javascript | GitHub ⬈
- Developed a **dynamic progressive Web-App for DevlUps Labs**,the Open Source Community at IITJ and mentored/oversaw future extensions on the project.
- **Achieved automation** by fetching information from various API's and **dynamically rendering them with Vue.js Framework.**

ACHIEVEMENTS

2021 **Ranked 19 in Data Analytics** amongst 455,534 registrations in Upraised Embark
2021 **Department Rank-1** of Mechanical Branch till 5th Semester
2021 Sole student to obtain **A (Outstanding)** grade in branch in **Data Structures & Algorithms**
2020 **2nd place** in **Institute Summer Challenge** ⬈ on a research paper on WASH
2019 **JEE-19:** Among top 1% of 1.2 million Applicants in JEE- 2019
2019 **12th HSC:** Top 1% of Maharashtra HSC examination

POSITIONS OF RESPONSIBILITY

2021-Present   **Core Member** at Devlup Labs, the open-source organisation at IIT Jodhpur
2021-Present   **Representative & Executive** at the Career Development Cell IIT Jodhpur
2021-2022   **Overall Head** of the **Entrepreneurship Cell, IIT Jodhpur** for the year 2021
2020-2021   **Student Guide** of the **Student Wellbeing Committee, IIT Jodhpur**

EXTRACURRICULAR

Represented IIT J in the **Quizzing Team** and **Parliamentary Debate** at the Inter-IIT Cult. Meet. **Hosted** several events including Ignus, IIT J's Cultural fest and Spandan the Intra-College fest. A part of IIT J's **Table-Tennis** team, having represented IIT J in Inter-College competitions.