

Nishiv Singh

Material Engineering | IIT Jodhpur
☎ +91 9319592937 | ✉ singh.136@iitj.ac.in

EDUCATION

IIT JODHPUR

B.TECH IN MATERIALS ENGINEERING

Expected May 2024

CGPA: 8.54

Dep. Rank 1

NEW SAINIK PUBLIC SCHOOL

SENIOR SECONDARY

May 2020

Percentage : 93.2

HOLY ANGELS PUBLIC SCHOOL

SECONDARY

May 2018

Percentage : 88.8

LINKS

Github: [NishivSingh](#)

LinkedIn: [Nishiv Singh in](#)

Portfolio: [nishiv-singh](#)

Leetcode: [nishiv_singh](#)

Geeksforgeeks: [nishiv_singh](#)

COURSEWORK

- Data Structures And Algorithm
- Introduction to Machine Learning
- Introduction to Computer Science
- Signals And Systems
- Mathematics

SKILLS

PROGRAMMING

• C/C++ • Python • Dart • SQL • Matlab

WEB DEVELOPMENT

• HTML/CSS • Tailwind CSS • JavaScript
• TypeScript • React • Next.js • Node.js
• MongoDB

APP DEVELOPMENT

• Flutter • Firebase

MACHINE LEARNING

• sklearn • opencv • keras • pandas

POSITIONS OF RESPONSIBILITY

- **Class Representative** of Materials Engineering 2020-24 batch
Aug 2022 - present
- **Core Member** of Chess society under Board of Student Sports
Oct 2022 - present

EXPERIENCE

WILLINGS, INC. | SOFTWARE DEVELOPER | CERTIFICATE

Apr 2023 - Jul 2023 | Flutter, Firebase, ReactJs

- Collaborated in a **6-member team** to develop a cross-platform **mobile app** enabling team registrations, match challenges, and post-match **messaging**.
- Ensured data security by using **Firebase**-based user authentication.
- Spearheaded the enhancement of the company's recruiting website, integrating student data display, advanced **filtering**, streamlined screening with **tagging**, and seamlessly merging new code with existing **JavaScript** and **React** codebases.

IIT MADRAS | RESEARCH INTERN | CERTIFICATE

May 2023 - Jun 2023 | Python, Streamlit

- Developed and deployed a user-friendly **data analysis** website enabling scientists and researchers to perform complex analyses without coding, significantly **improving efficiency** and reducing analysis time by up to 30%.
- Engineered a comprehensive platform, including **data visualization**, feature extraction, preprocessing, model selection, and hyperparameter tuning.

PROJECTS

SHOPSHERE | GITHUB | LIVE

Aug 2023 | Next.js 13, React, TailwindCSS, Sanity, Stripe

- Developed a responsive **e-commerce** web app, prioritizing a robust and user-friendly shopping experience.
- Designed an intuitive UI with essential features like **search**, **filtering**, and **sorting**.
- Created an efficient **cart management system** for easy product adjustments.
- Integrated **Stripe** for secure, seamless payments, ensuring user **data safety**.

AI IMAGE GENERATOR | GITHUB | LIVE

Jul 2023 - Aug 2023 | React, Node.js, Express.js, MongoDB, Claudinary

- Created a dynamic AI image generator website with the **MERN** stack.
- Integrated the **OpenAI API** to enable AI-generated images based on **custom prompts**.
- Employed **Claudinary** for efficient image processing, optimizing image display and storage with **shareable URLs**.

YOUTUBE BOOKMARKER | GITHUB

Aug 2023 | HTML, CSS, JavaScript

- Built a **Chrome extension** to save video timestamps as bookmarks.
- Utilized **JavaScript** for efficient **DOM manipulation** on YouTube pages.
- Enhanced user control and organization for easy timestamp **access** and **deletion**.

CHIT-CHAT | GITHUB

Jul 2023 - Aug 2023 | Flutter, Firebase

- Crafted a cross-platform mobile application, facilitating **real-time messaging**.
- Established robust email and password **authentication** for enhanced security.
- Engineered features to foster user connections and enable personalized profiles, elevating user engagement.

ACHIEVEMENTS

In VI sem	Scored an all time high SGPA of 9.81
7/10	Led the team of 6 members to hold the position in intra-college Smart India Hackathon competition
A grade	Got an A grade in a batch of 250+ students in ML and DSA course.