

# SARTHAK TULI

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## SUMMARY

Recent Computer Science graduate with a multifaceted skill set encompassing **full-stack development** and **data analysis**. Proficient in crafting responsive and dynamic user interfaces coupled with robust back-end development skills. Additionally, well-versed in data manipulation and analysis. Eager to contribute a holistic approach to software development, leveraging a keen eye for user experience and insights drawn from data.

## EDUCATION

**Guru Gobind Singh Indraprastha University , New Delhi**

Bachelor of Technology in Computer Science

CGPA – 8.7 / 10

August 2019 – July 2023

**Apeejay School - Pitampura , New Delhi**

Senior Secondary School (Grade – XII)

CGPA – 8.1 / 10

March 201 - April 2019

## EXPERIENCE

**Software Developer**, GeeksForGeeks (Ed – Tech ) – Noida

March 2023 – September 2023

- Migrating the frontend of the platform to **Next.js** and transitioning the APIs from PHP to **Django**. Improving response time for Authentication and general APIs by incorporating **Redis** and other optimization tools.
- Designed and Implemented the Front end of the project with **Optimized SEO**, made the project more than **90% responsive** with different Devices and **55% faster to excess**.
- Identified and addressed performance bottlenecks, leading to a **30% reduction in page load times** for busy webpages.

**Project Associate Intern**, GeeksForGeeks (Ed – Tech ) – Noida

June 2022 - November 2022

- Conducted **in-depth analysis** of competitor websites offering technical courses, extracting key insights to inform strategic enhancements on the GFG platform. Supported the product team in conducting competitor analysis and market benchmarking.
- Contributed to the platform's growth by providing valuable UI/UX suggestions, optimized SEO resulting in **30% increase in users**.

**Software Engineer Intern** , Centre for Development of Telematics (Govt Org) – Delhi

June 2021 – November 2021

- Designed and implemented a user-friendly web portal for asset tracking, **enabling real-time visibility** into asset locations and statuses. **Integrated barcode scanning** functionality for efficient asset identification and updates.
- Improved accuracy in asset records, minimizing discrepancies in inventory data. Addressed user feedback to enhance the portal's functionality and user experience continually.

## PROJECT EXPERIENCE

**Movie Recommendation Application**

January 2023 - May 2023

- Utilized machine learning algorithms to analyze user behavior and preferences. **Integrated with a third-party** movie database API to fetch real-time movie data. Implemented a user-friendly interface for **seamless interaction and user input**.
- **Increased user engagement by 55%** through the implementation of a more accurate recommendation algorithm. Received positive feedback during user testing for the application's intuitive design and **personalized recommendations**.

**College Management System**

August 2022 - January 2023

- Designed and implemented a **user-friendly interface** for faculty, students, and administrators. Developed modules for student enrolment, attendance tracking, grade management, and exam scheduling. Integrated a **secure authentication system** to safeguard sensitive student and staff information.
- Successfully **reduced administrative workload by 40%** through automation of routine tasks. Implemented data validation checks, significantly reducing errors in student records.

## SKILLS

**Programming Languages & Frameworks:** C++ | HTML | CSS | Javascript | SQL | MERN | Python | Java | Django | AngularJS | .NET (ASP.NET) | Spring Boot | PyTest | TensorFlow | PyTorch

**Tools :** My Sql | Tableau | Power BI | IntelliJ

## CERTIFICATIONS

Data Structures and Algorithms Specialization, **Coursera**

Google Data Analytics Professional Certificate , **Coursera**

Data Science and Machine Learning Bootcamp with R, **Udemy**

The Complete 2022 Web Development Bootcamp , **Udemy**