

YATIN GOYAL

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Final year B.E. Student: Focused, self-motivated, and goal-oriented computer engineering student with exceptional academic performance. Skilled in time management, leadership and known for resilience. Seeking to gain solid development skills with a focus on collaboration, communication, passion and creativity.



EDUCATION

Bachelor of Engineering

Thapar Institute of Engineering and Technology

2020-Present

Relevant Coursework: Object Oriented Programming, Data Structures and Algorithms

Software Engineering, Machine Learning, Predictive Analytics

AI Applications, Operating Systems and Corporate Finance.

CGPA- 8.93

Class 12 - CBSE

Narain Public School, Patiala

2019 - 2020

Percentage- 92.40%

TECHNICAL SKILLS

Languages- C/C++, Python, SQL

Frameworks- Flask, Django, Scikit-Learn, Tensorflow

Tools and Softwares- Tableau, Pandas, Matplotlib, Git

Fundamentals- Data Structures and Algorithms, Operating Systems, ML, Data Science, DBMS, AI

PROJECTS

Watch Your Health: Early Detection of Drug and Alcohol Overdose(Ongoing)

Smartwatch detecting drug and alcohol overdoses by measuring various parameters, such as SpO2 levels, blood pressure levels, and many others, in order to predict over dosage. The app will display a warning alert and offer the most suitable treatment options, as well as the closest location where the medication is available.

Dashboard for CRCS portal — HTML/CSS, Bootstrap, Javascript, Django

Developed a user-friendly and visually appealing dashboard for the CRCS portal, featuring interactive data visualization, filters, and key metrics display. Enabled drill-down capabilities and ensured a responsive design for seamless user experience.

Startup Manager — HTML/CSS, Bootstrap, Javascript, Django

This project helps college authorities manage new startups by reviewing and shortlisting them, allocating funds, and managing progress reports. It simplifies documentation by organizing startups on the platform and providing an automated mailing system for updates, along with payment integration. Flutter based fully functional application.

Mashup Bot— Python, HTML/CSS, Flask

This python project uses web scraping from YouTube to collect the necessary amount of songs for an artist mashup.

Application & Analysis of Clustering on Travel Reviews dataset — Python

By utilizing several clustering methods and analyzing their efficiency, the project uses machine learning to predict trip recommendations.

CERTIFICATIONS AND ACHIEVEMENTS

—Virtual Crusade(Exordium 2020) - CTF event

—BRAINWARS 2023 Case Study Hackathon - Pre-final round participant

—Shoonya 3.0. - CTF Tech event Winner

—100+ Questions on LeetCode

—Mastering Data Structures and Algorithms using C and C++.(Abdul Bari-Udemy)

HOBBIES

- Cricket, Chess, Basketball
- Solving Puzzles
- Travelling and exploring different places
- Meeting new people and learning from their experiences