Kulpreet Singh

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https://www.hackerrank.com/kulpreetsingh201 | https://www.codechef.com/users/kulpreetsingh2

EDUCATION

B.E. Computer Engineering 2018 – 2022
Thapar Institute of Engineering and Technology Patiala, India
Currently in my final year, having scored a cumulative GPA of 9.82 (out of 10) till now.

Higher Secondary & Secondary 2004 – 2018
Little Flowers Public Sr. Sec. School Delhi, India
96.2 % in Class 12th CBSE Board Exams (School topper)
10.0 CGPA in 10th CBSE Exams (School Topper)

PROFESSIONAL EXPERIENCE

Core Member (Volunteer) 08/2018 – 03/2020
Microsoft Learn Student Chapter, TIET Patiala, India
Conducted several successful Technical events like Hackathons and Workshops along with other core and executive members.

SKILLS

Machine Learning | Artificial Intelligence | Cloud Computing | CUDA Programming | C/C++, Python, Java
Flutter | Django | SQL | HTML/CSS

PROJECTS

FARMezy 03/2021 – present
Machine Learning, Deep Learning, IoT and Blockchain based project integrated into a Flutter app
- Created a Flutter app named FARMezy paired with a Raspberry Pi unit (& sensors), which implements smart farming practices with ease, aiding famers to manage crop plantations & ensure market safety (for sales, using Blockchain) on a unified platform.
- Designed intricate Machine Learning Models running on cloud to provide Crop Recommendations, Fertilizer Suggestions and Yield Predictions; and a live Object Detection Model (Deep Learning) for crop vandalism alert.

eduNEP 12/2020 – present
A Flutter with Firebase App facilitating the smooth implementation of the new National Education Plan

Personal Expenses App 03/2021
A Flutter based app that helps the user manage their expenses

AWARDS

Merit Scholarship-I 10/2018
Thapar Institute of Engineering and Technology
Full tuition and development fee waiver based on JEE mains score and Higher Secondary percentage > 95%.

Best First Year Team 2019
Microsoft Student Chapter, TIET
Awarded for being the Best First Year Team in "Makeathon 2k19", a 24 hours Hackathon

Toppers Award 07/2018
Tatpar
Awarded for being the Higher Secondary School Topper

LANGUAGES

- English
- Hindi
- Punjabi