

Kulpreet Singh

Problem Solver, App and Web Developer

[CodeChef](#) Rating: 1768 (3 star)

[HackerRank](#) Rating: 5 star

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My Portfolio Website -

<https://kulpreetsingh.netlify.app/>

EDUCATION

Thapar Institute of Engineering and Technology, Patiala — *Undergraduate (B.E. Computer Engineering) (101803186)*

July 2018 - June 2022

Currently in my final year, having scored a cumulative GPA of 9.82 (out of 10) till now.

Little Flowers Public Sr. Sec. School, Delhi — *Higher Secondary & Secondary*

April 2004 - May 2018

96.2 % in Class 12th CBSE Board Exams (School topper)

10.0 CGPA in 10th CBSE Exams (School Topper)

EXPERIENCE

Microsoft Student Chapter, TIET — *Core Member (Volunteer)*

August 2018 - March 2020

Conducted several successful Technical events like Hackathons and Workshops along with other core and executive members.

PROJECTS

Crop Recommendation and Yield Prediction

ML and IoT based project to determine the type of crop to be grown and the fertilizers to be added based on the NPK values of the soil, humidity, temperature, rainfall, pH, moisture, etc. The yield prediction model determines the crop yield in tonnes/hectare depending upon the state, crop grown, season and rainfall. App interface is made in Flutter. Link to the GitHub Repository: <https://github.com/ProfessorParadox/FARMezy>

Personal Expenses App

A Flutter based app that helps the user manage their expenses. Link to the GitHub Repository: https://github.com/Kulpreet-Singh/personal_expenses_flutter

TEAMWARE

This was a Team Project we made in a hackathon i.e., "Makeathon 2k19" held at TIET, in which we developed a website using react.js, node.js, and mongoDB for the purpose of connecting people who wish to work in teams for any project. My contribution in this project was solely in front-end at that time.

SKILLS

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

AWARDS

Merit Scholarship-I from Thapar Institute of Engineering and Technology awarding a full tuition and development fee waiver.

Toppers Award at Air Force Auditorium, Delhi by Tatpar Organisation for being the class 12 Topper in School.

Best First Year Team in "Makeathon 2k19", a 24 hours Hackathon held at Thapar Institute of Engineering and Technology

Gold Medal, Shield and Certificates for participating in National Science Exhibition upto State Level.

LANGUAGES

English, Hindi and Punjabi