56,Shivaji colony, Azad Nagar,Hisar

Portfolio

Github

MANDEEP PUNIA

7056850912

Mandeeppunia08@gmail.com

LinkedIn

EDUCATION

Year	Degree	Institute	%/CGPA
2014-2015	10th Grade	T.D.B.S.S.Model School, Hisar	**8.4 CGPA**
2016-2017	12th Grade	T.D.B.S.S.Model School, Hisar	**85.8 %**
2018-2022 (**Present**)	B.Tech in Computer Engineering	JC Bose University of Science & Technology, YMCA Faridabad	**8.31 CGPA (Avg. Sem 1–7)** **9.21 SGPA (Sem. 6–7))**

INTERNSHIP EXPERIENCE

Frontend Developer Intern　　　　　　　　Acumensa Tech.　　　　　　　**2nd April 2021 – 2nd May 2021**

- Used the **Mapbox Api** for exact location of fields and to calculate the area of the field in React.js
- Implemented the feature of crop management in Agri-Scm Project,used Redux thunk for state management.
- Learnt: Redux thunk.

Problem Setter Intern　　　　　　　　**Rapidfork Tech.**　　　　　　　**3rd June 2021 – 31th July 2021**

- Added **50 DSA** problems on the platform in **C++** and **Python**.
- Prepared various **test cases** including edge cases for every problem.
- Learnt: How test cases are prepared for coding competitions and how these various coding platforms organises contest.

Software Engineer Intern　　　　　　　**Core.ai**　　　　　　　　　　**Present**

- Implemented the unit test to detect secrets like **AWS keys**, **passwords** .
- Working on Making extensions and publishing it on **Phoenix** code editor.
- Learnt: Testing in javascript (Mocha and chai).

TECHNICAL EXPERIENCE

PROJECTS

Feed Post:

- Implemented the login/logout system using email authentication of **firebase**.
- User can **upload** image/video. User can enter description on the post.
- Other users can **comment** upon the post.
- Project is deployed on **heroku** and it uses firebase as a datastore

Spicy Crunch:

- Restaurant website in which user can add,remove or delete items from his/her shopping cart. Used the commerce API for managing the items. Built using **React.js**

KNOWLEDGE OF ADVANCE DATA STRUCTURES AND ALGORITHMS

- **Data Structures:** DSU, Tries, Sparse Table, BST, Segment Tree etc.
- **Algorithms:** Searching, Sorting, Dijkstra, Prims, Kruskal, Strongly Connected Component, Mo's Algorithm, Cycle detection, Bridge Finding, Topological Sorting etc.

HONORS AND ACHIEVEMENTS

- Max. Rating of 1801(**4 Star**) on **Codechef**.
- Solved **500+** problems on Leetcode.
- Global Rank **119** in April Challenge 2021 on codechef.
- Rated **6 Star** on HackerRank.
- Solved more than **1000 problems** in total on all the Online Coding Judges.

SKILLS AND TECHNOLOGIES

- Languages: **C++, C, Java (Basics), MySQL ,HTML,CSS, Javascript,React.js, Node.js, MongoDB(Basics)**
- Subjects: Data Structures, Algorithms, Operating Systems, DBMS, OOPs.
- Worked on Linux, Windows and used Git for Version Control.

LEADERSHIP AND EXPERIENCE

- Was the **core member** of the UCC and Digital affairs Cell of YMCA Faridabad (2020-21) and have helped in organizing various events in which more than **200** students has participated .