

HARSH KUMAR

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OBJECTIVE

Robust fundamentals in problem solving and critical thinking abilities. A profound command over DSA/Algo and a keen interest in development makes me suitable for any SDE opportunity. Being in the top 1 percent of candidates from my JEE days has developed the correct mindset for solving problems. With an advanced skillset of an active problem solver on CodeChef, Hackerrand and Leetcode, I am looking for internships/PPO in SDE domain. Organized and initiated various events and activities, and led different teams makes me excited about contributing to my upcoming role as an SDE.

EDUCATION

B Tech in Computer Science at RGIPT: - 7.7 cgpa (till 5th sem)	Expected 2024
Class 12th or equivalent qualification: - 93 percent	2019
Class 10th or equivalent qualification: - 95 percent	2017

SKILLS

Technical Skills

DSA Algo, Web Development, DBMS, AI/ML Competitive Programming

- 5-star Coder at Hackerrank
- 4-star Coder at CodeChef
- 300+ Leetcode Problems

Soft Skills Critical Thinking, Leadership, Public Speaking, Event Management, Team Coordination

Softwares Git GitHub, VsCode, MS PowerPoint, MS Word, Ms Excel

EXPERIENCE

Microsoft Intern Engage March 2022- Sept 2022

- Passed two Aptitude Rounds conducted
- Made an ML Project that got selected for further rounds by Teams
- Qualified the Technical Round of Interviews at Microsoft.

PROJECTS

Movie Recommendation System. Built a website using Flask, SQL that has login and signup. Users here can get recommendations of movies from the set of 5000 already existing movies in website's dataset. //

Attendance System. Built a website using React that tracks the attendance of students. Proper CRUD operations have been implemented and each student can track his/her login after successful login.

Emotion AI Detection. Build a project that predicts the facial expressions of happy, sad, anger, surprise, hello, or any other emotion we want. Making the use of mediapipe, cv2, numpy, os, keras, tensorflow etc. it is a project which takes input through webcam, trains and model and make predictions for the inference part. item

Sodulu Solver. Upgrading the classical game that makes the use of backtracking, it makes us visualize how the function calls are implemented and makes a clear understanding of recursion and backtracking. It returns the solved Soduku as output.

EXTRA-CURRICULAR ACTIVITIES

- A profound reader with a curiosity for reading books of different cultures, ethnicity, backgrounds, and more. Read a few books on history, literature, art, novels, and others.
- Writing drama scripts for plays. Letting my creativity nurture the scenes in my mind into actual story delivering a strong message for the audience.

LEADERSHIP

- Cultural Co-Secretary of the Institute: - This job makes me responsible to manage various clubs like music, dance, drama, GD and literature. The planning and execution of various events and cultural fests come under the Council.
- Secretary at IEEE C.S Chapter: - This makes me responsible for conducting and organizing events for promoting the technical overall development of students in the campus.
- Sponsorship Senior Head: - I approached various companies for departmental techfest like GeekForGeeks, Coding Ninjas, NewtonSchool, CodeChef for title/event sponsorships. Made the event published across 23 cities in north India.