Shiv kumar

Roll No.:ME20B1023
B.Tech - Mechanical Engineering

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	National Institute of Technology , Puducherry	8.42(current)	2020-Present
Senior Secondary	CBSE Board	86.6%	2020
Secondary	CBSE Board	83.8%	2018

POSITION OF RESPONSIBILITY

- **Competitive Programming Administrator at NITPY** *Dec. 2021 - Present*
  ZERO1CODED CLUB NITPY
  – Competitive Programming Mentor
  – Biweekly Contest Co-ordinator and Monthly Kahoot Quiz Coordinator

- **Batch Repersentative** *Dec. 2020 - Sept. 2022*
  Mechanical Branch NITPY
  – Induced Mechanical Association
  – Department Events Core Team Member

PROJECTS

- **Weather Forecast** *April 2022 - May 2022*
  Self project Github
  – Developed a web application that displays weather forecast of the next 5 days.
  – It uses a third-party Open-weather API to fetch the weather forecasts.
  – Web technologies used: HTML, CSS and JavaScript

- **Desktop Voice Assistant** *June 2022 - Aug. 2022*
  Self Project Github
  – A Voice Assistant with voice recognition intelligence developed using SpeechRecognition library and Microsoft Speech API (SAPI5) which takes the user input in form of user's voice and processes it and returns the output in various ways like an action to be performed or the search result is speaked out to the end user.

TECHNICAL SKILLS

- **Programming**: C/C++, Java , Python
- **Web Technologies**: HTML/CSS , Angular
- **Data Management**: MySQL
- **Miscellaneous**: MATLAB , CAD , Windows , LaTeX   ** Elementary proficiency*

KEY COURSES TAKEN

- **Mathematics**: Linear Algebra ,Number theory , Basic Calculus, Discrete Maths, Probability & Random Processes
- **Computer Science**: Data structure and algorithms, Machine learning, Ethical hacking

ACHIEVEMENTS

- **Silver Medal**,in Intracollege Chess Competition ,Sports fest - 2021 , *NITPY*
- **550+ Problems solved** , on different - different coding platforms ::
  – leetcode || geeksforgeeks || hackerrank
  – Codechef username : shiv11code Codeforces username : shiv02