AKASH SINGH

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EDUCATION

Vellore Institute of Technology, Vellore
July 2020 - May 2024
Bachelor of Technology, EEE
Overall CGPA: 8.58

VidyaGyan School, Sitapur
April 2019 - March 2020
Senior Secondary (12)
Overall Percentage: 96.8%

TECHNICAL STRENGTHS

Languages & Technologies	C, C++, JavaScript, Python, Java, Reactjs
Coursework	DSA, OOPs, OS, DBMS, SQL
Tools	VScode, Jupyter, Github, Sublime Text
Version Control	Git
Interests	Competitive Programming, Data Science

PROJECTS

Graph Data Structure Library ⬈
Architected a sophisticated Graph Data Structure Library in **C++**, showcasing mastery over Object-Oriented Programming (OOP) principles. Employed advanced **OOP** concepts such as **inheritance**, **abstraction**, and **virtual functions** for a modular and extensible design.

Laptop Price Predictor ⬈
Developed a supervised machine learning model to predict laptop prices based on their specifications. Utilized libraries such as **NumPy**, **Pandas** and **Matplotlib** for data processing, and visualization.

Expense Tracker ⬈
Employed advanced state management techniques, including state lifting and two-way binding, to meticulously craft an expense tracking website using **ReactJS**. Some of the key features of the application are **categorization**, **edit and delete**, **Visualization using custom charts** and **responsive design**.

WORK EXPERIENCE

Celebal Technologies, India ⬈
May 2023 - July 2023
Web developer intern

- Underwent a comprehensive internship cum training program, engaging in hands-on learning and practical application of skills in **Reactjs**
- Close **mentorship by industry veterans**, providing a unique opportunity to grasp best practices and navigate real-world project complexities effectively
- Successfully completed the task of making an expense tracking website and thus awarded the certificate of completion

CERTIFICATIONS

- DSA Self Paced, GeeksforGeeks ⬈ — *July 2022*
- Microsoft certified: Azure AI fundamentals ⬈ — *July 2023*
- Applied Data Science Powered by Google Developers ⬈ — *July 2023*
- Problem Solving (Intermediate), HackerRank ⬈ — *Aug 2022*

ACHIEVEMENTS

- **SNF Scholar**, Got selected for *100%* scholarship for undergraduate studies by **Shiv Nadar Foundation**
- Qualified for **ICPC** Asia Amritapuri DoubleSite Regional Contest 2023 - 24
- AIR of **1134** in the Innovate India Coding Championship powered by **AICTE**
- **Guardian** badge (among top 1% coders) at Leetcode (**2182** max rating)
- **4 star** coder at Codechef (**1830** max rating)
- Institute rank within the top **100** out of **20000** registered users on the GeeksforGeeks platform from my university
- Rank of **77** in CodeRush December'23 contest by **Newton school**
- Rank of **56** in Starters 125 Division 2 (Rated) **codechef contest**
- Rank of **347** out of **33000** participants in **leetcode weekly contest** 388
- Rank of **865** out of more than **30000** participants in **Codeforces Round 918 (Div. 4)**

CODING PROFILES

- **leetcode**
- **geeksforgeeks**
- **codeforces**
- **codechef**