

# AKASH SINGH

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[portfolio/akashsingh](#) | [linkedin.com/akashsingh](#) | [github.com/akashsingh](#)

## EDUCATION

Vellore Institute of Technology, Vellore  
Bachelor of Technology, EEE

July 2020 - May 2024  
Overall CGPA: 8.62

VidyaGyan School, Sitapur  
Senior Secondary (12)

April 2019 - March 2020  
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 [↗](#)
- Microsoft certified: Azure AI fundamentals [↗](#)
- Applied Data Science Powered by Google Developers [↗](#)
- Problem Solving (Intermediate), HackerRank [↗](#)

July 2022

July 2023

July 2023

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**
- Knight** (among top 1.8% coders) badge at Leetcode (**2089** 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](#)