Abhiram C A

Roll No.: IEC2022048
Electronics and Communication
Bachelor in Technology
Indian Institute Of Information Technology, Allahabad

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in LinkedIn Profile

EDUCATION

- **Indian Institute of Information Technology, Allahabad** — *2022-2026*
  B.Tech in Electronics and Communication — **CGPA: 8.41 (Upto 4th Semester)**
- **Jindal Vidya Mandir, Vidyanagar** — *2021-2022 (Class 12)*
  Central Board of Secondary Education(CBSE) — **Percentage: 95.4**
- **Jindal Vidya Mandir, Vidyanagar** — *2019-2020 (Class 10)*
  Central Board of Secondary Education(CBSE) — **Percentage: 95.6**

PERSONAL PROJECTS

- **Bengaluru Metro Portal**

Developed a scalable web app to find the shortest metro route between stations using Dijkstra's algorithm. It calculates the optimal path, including interchanges, and provides efficient route suggestions, making it ideal for the general public.

  – **Tools & Technologies:** Python, Flask, HTML, CSS
  – Engineered a web app to calculate the shortest metro routes using Dijkstra's algorithm, including interchange stations for efficient travel for 68 stations.
  – Implemented Flask to manage backend logic, process user requests, and serve the web pages.
  – Designed the app to be scalable, allowing easy integration of new metro stations and routes as the network expands.
  – Ensured seamless user experience by rendering route results in HTML, enhancing interaction for both commuters and tourists.

- **Interactive JEE Preparation Portal**

Designed an interactive JEE preparation portal enabling students to assess their knowledge through targeted tests, review incorrectly answered questions, and reinforce key concepts. The platform features a secure, personalized login system, allowing each student to track their progress and tailor their learning journey.

  – **Tools & Technologies:** Python, MySQL
  – Engineered an all-inclusive JEE preparation platform, enabling students to gauge their assess their understanding, analyze their mistakes, and reinforce crucial concepts.
  – Developed a secure, customized login mechanism for tracking individual progress, ensuring each student has a unique learning journey.
  – Database Implementation: Leveraged MySQL to create and manage a robust database, securely storing login credentials and tracking student progress.

TECHNICAL SKILLS AND INTERESTS

Languages: Python, C++, C Language, JavaScript
Developer Tools: HTML, CSS, Flask, Django
Database Management Tools: MySQL
Other Skills: MATLAB, Verilog, LTSpice

CODING PROFILES

Codeforces: Max. Rating: 1288 (**abhiram_ca**)
Codechef: Max. Rating: 1789 (**currently_ram**)
Leetcode: Max. Rating: 1645 (**abhiramca09**)

POSITIONS OF RESPONSIBILITY

- **Executive (Corporate Relations),** Aparoksha '24 — *Jan 2024 - Apr 2024*
- **Executive (Corporate Relations),** Effervescence '23 — *Oct 2023 - Apr 2024*
- **Volunteer (Corporate Relations),** Effervescence '22 — *Nov 2022 - Dec 2022*

ACHIEVEMENTS

- **Achieved Global Rank 88 in CodeChef Starters 138, showcasing top-tier competitive programming skills.**
- **Ranked AIR 9968 in JEE Mains 2022, placing in the top 1.09% nationwide.**
- **Secured Rank 982 in KCET 2022, demonstrating strong academic aptitude.**
- **Won Silver Medal in Table Tennis at Asmita'23, exemplifying athletic excellence.**
- **Attained Bronze Medal in Table Tennis at CBSE Clusters (Karnataka) 2018.**
- **Represented football team in Asmita'24 (Inter-IIIT), Asmita'23, and Spardha'23 (IIT-BHU).**