Anand Alok

Bachelor of Technology
Computer Science and Engineering Department
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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech CSE	Haldia Institute of Technology, Haldia	8.09 CGPA	2021-Present
Intermediate	DAV Public School Bokaro (CBSE)	80.33%	July 2021
Matriculation	SKP Vidya Vihar Deoghar (CBSE)	84.16%	May 2019

TECHNICAL SKILLS

- **Programming Languages**: Python
- **Tools/Technologies/Frameworks**: HTML, CSS, JavaScript, SQL
- **CS Subjects**: Object Oriented Programming, Database Management System

EXPERIENCE

- **PWC Launchpad** *Feb 2024 - June 2024*
  (Remote)
  - Attained expertise in essential programming languages, including SQL and JavaScript, through 50+ hours of collaborative coding sessions that emphasized performance optimization techniques to enhance overall code efficiency.
  - Crafted tailored coding strategies that enhanced overall product functionality, achieving on-time launch of projects with an average reduction of debugging time from four hours per release down to one hour or less.
  - Executed comprehensive testing and debugging processes in five applications, ensuring that performance metrics met industry standards while enhancing scalability features to accommodate a 200% increase in user traffic.

PROJECTS

- **EcoBuddy: Personalized Carbon Footprint Tracker** *June 2025 - July2024*
  ***Tech Stack:** Python, Lib, Streamlit, MongoDB* ○
  - Enabled users to track their carbon footprint with a **98%** accuracy in calculations based on input data.
  - Users can input data on transportation, energy usage, and dietary habits to receive a personalized carbon footprint **score out of 100**.
  - Provides insights to reduce carbon emissions, track your progress over the **last 4 months.**

- **Weather Website** *Dec 2024 - Jan 2025*
  ***Tech Stack:** HTML, CSS, JavaScript* ○
  - Enhanced application responsiveness, achieving a 100% mobile and desktop compatibility score through optimized CSS layouts and media queries.
  - Incorporated error handling and data validation, minimizing API call failures by 40% and improving the overall stability of the application.
  - We conducted rigorous testing in 10+ browsers and devices, ensuring a consistent and bug-free user experience with accuracy of 99% functionality.

CERTIFICATIONS

- Learn Python Programming Masterclass - Udemy *May 2022 - June 2022*

EXTRACURRICULAR ACTIVITIES

- **Head, INSYNC – Official Dance Club** *Aug 2021 - Present*
  - Coordinated and executed 15 large-scale dance performances and competitions, managing logistics, choreography development, scheduling adjustments, and team coordination to enhance participant experience across all events.

- **Mentor, SAMARPAN** *July-2021 – Present*
  - Developed and implemented educational programs for 60 underprivileged students, creating tailored learning materials that improved comprehension levels by an average of 30% based on pre-and post-program assessments.