Kunal Sinha

📞 +91 8287827837 ✉ kunaljaya22@gmail.com

in https://www.linkedin.com/in/kunal-sinha-24070424b/   ⬡ https://github.com/kunalsinha26   ⬡ https://leetcode.com/u/KunalS30/

Education

University of Petroleum and Energy Studies   **2022-2026**
Bachelor of Technology in Computer Science   *Dehradun, Uttrakhand ,India*

Grand Columbus International School (C.B.S.E.)   **2021 - 2022**
10+2 Higher Secondary Education   *Faridabad, Haryana, India*

Modern Vidya Niketan (C.B.S.E.)   **2019 - 2020**
10 Higher Secondary Education   *Faridabad, Haryana, India*

Technical Skills

Languages: C, C++,HTML/CSS, SQL ,Java/JavaScript(Basics),Python
Developer Tools: VS code,Google CoLab
Technologies: Linux,Git/Github,Docker,AWS(10+)

Projects

Disease Surveillance (MINOR-I) 🔗 | *HTML,CSS,JavaScript,C++,GitHub*   **December 2024**
- Developed a comprehensive disease monitoring and prediction system for **Asiatic lions**, focusing on Canine Distemper Virus **(CDV)**, integrating epidemiological modeling with a user-friendly web interface.
- Implemented a **C++ based SIR (Susceptible, Infected, Recovered) model**, incorporating infection and recovery rates, to simulate CDV spread and evaluate the effectiveness of intervention strategies like vaccination and quarantine..
- Designed and developed an interactive web application **(JavaScript, HTML, CSS)** for predicting disease outbreak risk based on user-inputted symptom data and severity levels, implementing client-side logic for dynamic updates and risk calculations**.**
- Designed and implemented a **robust logging system** (using [specify technology, e.g., file system, database, if applicable]) to capture detailed prediction data, enabling data analysis for trend identification and model refinement.

Prakriti Eco-Store |*Wix Website Design/Development (Corvid,Blog,Forms,EditorX,Stores,SEO Optimization)*   **May 2023 – July 2023**
- Developed **"Prakriti Eco-Store"**, an e-commerce platform on Wix.com for "**Green Hands Organization"** promoting sustainable living through bamboo and eco-friendly products targeting environmentally conscious consumers.
- Utilized **Wix Stores** for product catalog management, order processing, and secure payment integration. Implemented **Wix SEO Wiz** for keyword optimization (e.g., "bamboo products," "eco-friendly household items") and **Wix SEO** best practices to increase organic traffic.
- Designed and managed content for a portfolio website using the **Wix Editor**, ensuring a **responsive web design** across all devices.
- Integrated **Wix Forms** for customer feedback and managed a **Wix Blog** focused on sustainability and product information to enhance SEO and engagement.
- Successfully launched the **"Prakriti Eco-Store "** online store, showcasing a diverse range of bamboo and eco-friendly products.

Experience

Skolar | **Web-Developer Intern**   **Dec 2022 – Jan 2023**
- Developed and deployed full-stack web applications as part of a two-month internship at Skolar, gaining hands-on experience in both front-end and back-end development.
- Worked with modern web development technologies such as [list specific tools/frameworks you used, e.g., **React**, **Node.js**, **MongoDB**, etc.], enhancing technical proficiency.

Green Hands (SRIJAN) | **Volunteer**   **May 2023 – July 2023**
- Implemented creative social media strategies and organized successful cloth bag drives, increasing organizational visibility and promoting sustainable practices within the community.
- Developed and launched **"Prakriti Eco-Store"**, an e-commerce website on Wix, expanding Green Hands Organization's reach and facilitating online sales.
- Provided tutoring and food distribution to underprivileged children, directly contributing to community well-being and educational support.
- Actively participated in environmental initiatives, by collecting seeds for **"Mission Green Mumbai"** and organizing plantation drives.

Additional Education Certifications

AWS Academy Certified Solutions Architecting ↗	**Aug 2024**
Full Stack Web-Development - Skolar ↗	**January 2023**
Introduction to Digital Marketing – Certified by Great Learning ↗	**June 2024**
AWS Academy Certified Cloud Practitioner Essentials ↗	**January 2025**
AWS Academy Certified Cloud Web Application Builder ↗	**April 2025**

Accomplishments

AWS Community Day [Dehradun]   **March 2023**

Attended sessions focused on AWS Lambda, serverless architectures, and DevOps best practices.

Extracurricular

UPES Sports Committee Member - SPHURIT	**2023 - 2026**
Basketball Tournament Winner (Gold-Medalist) - SPANDAN	**Feb 2024**
Student Placement Representative - (Placement Cell UPES)	**2024 -2026**

Represented the student body in connecting with employers, organizing career fairs,
and assisting students in securing internships and full-time positions.

__22nd Jan 2025__