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Training

Summer Training | Optimized Data Processing with **C++** | Board Infinity **May 2024 – July 2024**
- **Language - C | Cpp | DSA (problem solving and logical thinking)**
  - Developed proficiency in C++, focusing on data structures, algorithms
  - Applied complexity analysis, recursion, and algorithmic techniques.

Projects

GOSSIP | github.com/GOSSIP | gossip.vercel.app **Feb - Mar. 2025**
- **Tech Stack - TypeScript | ReactJS | WebSockets | MongoDB | Socket-Client | NodeJS | express**
  - Developed a secure real-time chat application enabling encrypted messaging.
  - Features include user authentication, real-time messaging, and message encryption for privacy.
  - Implemented **Bcrypt** for secure password storage, **crypto-js** for end-to-end message encryption, and **localStorage** for session persistence.
  - Structured the project using the **MVC architecture** for better scalability and maintainability.

HyperCase | github.com/HyperCase | hyper-case-beta.vercel.app **Sept - Nov. 2024**
- **ToolChain - ReactJS | NodeJS | NextJS | Primsa Client | Postgrey (Neon) | TS | CSS | Tailwind**
  - Developed a custom phone case cover project using **Next.js**, **React.js** (hooks), **Tailwind CSS**, **Prisma Client**, and **Kinde Authentication**.
  - Features include user sign-up/login, custom phone case design, seamless checkout, and order confirmation emails.
  - Integrated **UploadThing** for storage, **Neon Console** for user data, and deployed it on **Vercel**.
  - Includes an admin dashboard with order status tracking, with weekly(say 500 rupee) and monthly(say 2000 rupee) sales target.

Weather Application | github.com/WeatherApp | ayush.github.io/WeatherApp/ **June. 2024**
- **Frame base - React | CSS | API | JS**
  - A React-based application that fetches and displays real-time weather information.
  - Structured with **React.js**, **CSS**, and Open-Source **API** (Application Programming Interface) for Versatile and accurate weather updates.
  - Features include location-based weather search and detailed forecasts.

Achievements

- Ranked among the Dean's top **10%** students at the university with an **8.5 CGPA**. **2022 - Present**
- Solved **150+** problems on **LeetCode** and earned **LeetCode badges**. **2024 - Present**

Certificates

- **IBM** Certificate on **Specialization in DevOps** (Coursera) | **Credentials** **Nov 2024**
- **Ethical Hacking** (NPTEL) | **Credentials** **Oct 2024**
- **Data Structures and Algorithms** (NeoColab) | **Credentials** **Apr 2023**

Technical Skills

- **Languages:** C, C++, HTML, CSS, JavaScript, TypeScript
- **Frameworks:** ReactJS, NodeJS, NextJS, Tailwind, Bootstrap
- **Tools/Platforms:** MySQL, MongoDB, Git, Docker
- **Coursework:** Data Structures and Algorithms, Database Management,, Networking, Operating Systems (OS)

Education

Lovely Professional University **Sep 2022 - Present**
- Bachelor of Technology (BTech), Computer Science | CGPA: 8.5 Jalandar, Punjab

DAV Kapil Dev Public School **Apr 2020 - May 2021**
- Intermediate, Maths and Computer Science | Percentage: 91% Ranchi, Jharkhand

DAV Kapil Dev Public School **Apr 2018 - Mar 2019**
- Matriculation, Maths and Science | Percentage: 90% Ranchi, Jharkhand