

# AYUSH KUMAR

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## SKILLS

- **Languages:** C, C++, Java, Python, HTML, CSS, JavaScript
- **Frameworks:** ReactJS, NodeJS, Next JS, Tailwind, Bootstrap
- **Tools/Platforms:** MongoDB, SQL, PostgreSQL, Git, Docker, Postman, Figma
- **Soft Skills:** Solution Oriented Mindset, Collaborative, Project Oversight, Versatility

## TRAINING

- **Summer Training – Optimized Data Processing with C++ | [Board Infinity](#)** **May 2024 - July 2024**
  - **Developed** proficiency in C++, specializing in data structures, algorithms, and performance optimization, improving data processing speed by **up to 40%** on datasets of **100K+ records**.
  - **Applied** complexity analysis, recursion, and advanced algorithmic techniques to reduce execution time by **30%** and memory usage by **25%** in practice projects.

## PROJECTS

- **Hyper Case | Mern Stack [github URL](#) | [deployed link](#)** **Sep 2024 – Nov 2024**
  - **Tool Chain - React | Node | Next JS | Prisma Client | Post Grey (Neon) | TS | CSS | Tailwind**
  - Developed a custom phone case cover project using Next.js, React.js (hooks), Tailwind CSS, **Prisma Client**, serving **100+ active users** within the first month.
  - Implemented user authentication (**Kinde**), case design interface, **seamless checkout flow**, and order confirmation emails, achieving **95% checkout completion rate** and **reducing cart abandonment by 20%**.
  - Integrated **Upload-Thing** for storage, **Neon Console** for user data management.
  - The project included an admin dashboard for **tracking order statuses** and monitoring sales against weekly (500) and monthly (2000) rupee targets.
  - Deployed the project on **VERCEL** for fast and scalable hosting, achieving **99.9% uptime**.
- **Weather Application | Frontend project | [github URL](#) | [live website](#)** **May 2024 – Jun 2024**
  - **Frame base - React | CSS | API | JS**
  - Built a React-based application that fetched and displayed real-time weather data for **1,000+ locations**.
  - Structured with **React.js**, **CSS**, and Open-Source **API** (Application Programming Interface) for Versatile and accurate weather updates, **refreshed every 10 minutes**.
  - **Integrated** location-based weather search and detailed multi-day forecasts, enabling users to access **precise local conditions in under 2 seconds**

## CERTIFICATES

- **IBM – Specialization in DevOps | [Coursera](#)** **Nov 2024**
- **Ethical Hacking | [NPTEL](#)** **Oct 2024**
- **Data Structures & Algorithms | [Board Infinity](#)** **Apr 2023**

## ACHIEVEMENTS

- Ranked among the Dean's top **10%** students at the university with an **8.5 CGPA**. **2022 - Present**
- Solved **250+** problems on **Leet-Code** and earned **badges**. ([link](#)) **2024 - Present**

## EDUCATION

- **Lovely Professional University** **Jalandhar, Punjab**
  - Bachelor of Technology - Computer Science and Engineering; **[CGPA: 8.51](#)** **Aug 2022 - Present**
- **DAV Kapil Dev Public School** **Ranchi, Jharkhand**
  - Intermediate - **[88%](#)** **2020 – 2021**
- **DAV Kapil Dev Public School** **Ranchi, Jharkhand**
  - Matriculation - **[91%](#)** **2018-2019**