

Ayush Kumar

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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

DevToolBox | github.com/devtoolBox |

Mar - Apr. 2025

- **Tech Stack - NodeJs | API | Docker | Jenkins | ngrok**
 - Built a developer tool suite with features like code converter, QR generator, and diff checker.
 - Used **Docker Compose** for local orchestration and isolated development environments.
 - Set up **CI/CD** pipeline using Jenkins for automated build, test, and container deployment.
 - Used **github webhooks** with **ngrok** tunneling for **port forwarding**.

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 | Prisma 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.

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:** Python, Java, C, C++, HTML, CSS, JavaScript, TypeScript, PHP
- **Frameworks:** ReactJS, NodeJS, NextJS, Tailwind, Bootstrap, Laravel
- **Tools/Platforms:** MySQL, MongoDB, Git, Docker, Jenkins
- **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%

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