

Bhanupratap Singh

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Portfolio: [Bhanupratap-singh](#) | GitHub: [wantedbear007](#) | LinkedIn: [wantedbear007](#)

TECHNICAL SKILLS

- **Programming Languages:** C++, Java, JavaScript, Python, PHP.
- **Technologies:** SQL, MERN with TypeScript, AWS, Flutter, React-Native.
- Other Technical Skills: **Git**, **GitHub**, Docker.

PROJECTS

1. OneByte Backend (**TypeScript, Docker, GraphQL, Prisma ORM, PostgreSQL**) (API) (Individual) ([GitHub](#)) Feb'24 – Present
 - Backend services with **JWT based authentication** enables user to store notes and perform **CRUD** (Create, Read, Update, Delete).
 - Rigorously tested under high loads, **accommodating 30,000+ users**, with **1000+ concurrent users**, all experiencing response times under 1 second. The testing utilized Postman on a system configuration featuring Ryzen7 and 16GB RAM.
 - Equipped with robust error handling and **utilizes clusters** to manage heavy workloads, packaged within a **Docker** container for seamless deployment and operation across virtualized environments.
2. Minute Player (**Dart, Flutter**) (Mobile Application) (Individual) ([GitHub](#)) Dec'23 – Present
 - Cross platform video player performant enough to handle **3840x2160 resolution** video efficiently.
 - Implemented Google's Material Design principles for user interface (UI) and user experience (UX) enhancements
 - Employees **Flutter Bloc** for global state management.
3. Welkin Search (**Python**) (Backend-API) (Individual) ([GitHub](#)) May'22 – Present
 - Efficiently employs **Flask** and **Beautiful Soup** to extract data from Google Drive files in under **100 milliseconds**
 - Retrieves a list of available files on public Google Drive using user-entered keywords.
 - Generates **direct links** for easy access to files on Google Drive based on **user-entered keywords** with **70% accuracy**.
4. Eternity News (**JavaScript, React-Native**) (Mobile Application) (Individual) ([GitHub](#)) Nov'21 - Present
 - Integrated multiple APIs to fetch real-time data, enabling **real-time content** updates and enhancing user experience on the platform.
 - **Efficient** system-wide theme management **dependency** (Light & dark mode).
 - Implemented **infinite scrolling** functionality while preserving user-preferred theme in local storage.

EDUCATION

- Masters of Computer Applications (MCA) (GPA 8.52 / 10.0) Aug'22 - Present
Lovely Professional University, Punjab, India

ACHIEVEMENTS

- Executed successful **SEO** strategies resulting in a **top 10 ranking** for my portfolio website on Google. Jul'23

COURSES AND CERTIFICATES

- Software Development Life Cycle (SDLC) | Great Learning | [Certificate](#) Feb'24 - Mar'24
- C++ Programming Bootcamp | CiperSchools | [Certificate](#) Jun'23 – Jul'23

CONTRIBUTION AND WORK

- Developed Drip-YouTube Music Client portfolio and provided **UI/UX** improvement recommendations. Apr'22

EXTRA- CURRICULAR

- Attended Champion in own Thinking - a workshop on Positive Psychology | Lovely Professional University, Punjab Apr'23