VISHNU BANSAL

🖥 **PORTFOLIO** | ✉ **MAIL:ID** | 📞 **(+91) 9780848266** | ⭘ **GITHUB** | in **LINKEDIN**

EDUCATION

- **B.TECH, Electrical Engineering**   Punjab Engineering College, Chandigarh, India
  CGPA: 7.28   Dec 2021- May 2025
- **GRADE 12, CBSE**   SGGS SR SEC SCHOOL, Chandigarh
  Percentage- 78.8 %   April 2019- April 2020

WORK EXPIRENCE

Software Developer Engineer Intern   Dec 2023 - May 2024
Ekikrit HealthTech | *Java, SpringBoot, InfluxDb 2.0*

- Developed comprehensive **RESTful APIs** using **Spring Boot** for tracking therapy compliance and disease management indices, aiming to serve multiple users and integrate **InfluxDB 2.0** for efficient data storage, retrieval, and **real-time data visualization** on graphs, reducing data retrieval times by **35%**.
- Implemented **Rollup Schedulers** to aggregate health data for graphical display, **improving data processing efficiency by 40%** and enhancing user engagement and insights to increase daily active users by **20%**.
- Created a **Reward System** that enhances user involvement by tracking **compliance streaks** and rewarding points, with the objective of boosting user compliance by **25%** and increasing user retention by **15%**.

PROJECTS

Campus Fusion | *NodeJs, ExpressJs, ReactJs, AWS S3, CockroachDb* | ⧉ **Live-Demo**   June 2024 - Present

- Developed a comprehensive platform for college resources, enabling students to **upload and access materials**. Ensured only authorized users can upload materials through **email verification**, while allowing public access for viewing.
- Designed a robust database schema with **Sequelize** to ensure secure user **authentication** and file storage, with files stored in **AWS S3 buckets**. Efficiently managed study materials, user data, and file metadata for seamless access and retrieval.
- Implemented **filtering**, **pagination**, along with **preview** and **download** features to enhance the user experience.

YouTube Bookmark | *HTML, CSS, JavaScript, DOM, Manifest v3*   June 2023

- Designed an intuitive browser extension enabling users to **bookmark timestamps** while watching YouTube videos
- Addedd Fucntionality of **delteting**, **resuming** from that **particular timestamp**

Shooping Cart | *OOPS, HashMap*   May 2023

- It is Command Line Interface Shopping Cart application using **OOPS principles** and **Hashmap** Structure
- Implemented functionalities for **adding products to the cart**, updating quantities, and **calculating total prices**.

SKILLS

Programming Languages:	C++, HTML, CSS, JavaScript, Object-Oriented Programming (OOP)
Development:	Node.js, React.js, Express.js, MongoDb, MySQL
Tools and Platforms:	VS CODE, GITHUB, GIT, IntelliJ IDEA, AWS

ACHIEVEMENTS

- **STGI Hackathon:** Secured **3rd place** out of **45+ teams** in a hackathon by addressing real-world challenges, and awarded a cash prize.
- **Problem Solving:** Solved **600+** DSA problems on platforms including LeetCode, GFG, and Coding Ninjas.
- **LeetCode 100-Day Badge:** Earned a **100-day** streak badge by consistently solving problems on LeetCode.

CERTIFICATIONS

- C++ by Abdul Bari   **UDEMY**
- Data Structures and Algorithm in C++   **Coding Ninja**
- AWS Cloud Practioner   **GeekForGeeks**

INTERESTS

Cricket	Reading	Guitar	Travelling	Listening Music