Piyush Chaudhary

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SKILLS

- **Languages**: Python | C++ | Java
- **Frameworks**: Django REST Framework
- **Tools**: GIT | PostgreSQL | Linux | Ansible | Amazon Web Services
- **Soft Skills**: Communication Skills, Time Management, Collaboration

PROJECTS

Shop-Sphere   **Nov 2023 — Dec 2023**

- Architected an E-commerce backend using Django and PostgreSQL, implementing Redis caching to accelerat response times and enhance scalability.
- Integrated OTP-based authentication, reinforcing security and ensuring seamless user verification for a frictionless shopping experience.
- Designed and executed comprehensive unit tests and stress testing, optimizing database performance and fortifying system reliability under high traffic loads.

Tech Stack: Django, PostgreSQL, Redis (Cache & Message Broker)

GymZoid   **Sep 2023 — Oct 2015**

- Developed a responsive static website for a gym, optimizing for desktop platforms.
- Designed and implemented user-friendly pages showcasing gym services, schedules, and trainer profiles.
- Utilized HTML and CSS to create a visually appealing and easy-to-navigate website.

Tech Stack: HTML, CSS

Library Management System   **Aug 2022 — Sep 2023**

- Implemented functionalities for student and admin authentication, book issuance, and inventory management unordered_map and vector for efficient data handling.
- Implemented persistent data storage by integrating file handling (fstream) to save and load book and user reco ensuring data is retained across sessions.
- Designed an interactive console-based UI allowing admins to manage books and students, and students to iss return, and view their issued books, enhancing usability with structured menus and role-based access.

Tech Stack: C++

CERTIFICATES

- **Social Networks** – NPTEL   **Nov 2024**
- **AWS Certified Cloud Practitioner** – LinkedIn   **Dec 2023**
- **Learning Cloud Computing: Core Concepts** – LinkedIn   **Oct 2022**
- **A Beginner's Guide To Public Cloud** – LinkedIn   **Sep 2022**

EDUCATION

Lovely Professional University, India   **Aug 2022 — present**
  B.Tech – Computer Science | CGPA: **7.9**

Rajendra Lohia Vidya Mandir   **Sep 2019 — Oct 2022**

ACHIEVEMENTS

- Master League in Code360
- Leetcode 50 Days Badge '24