Piyush Chaudhary

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Education

Lovely Professional University Punjab	**2022 – Present**
Bachelor of Technology in Computer Engineering	**CGPA: 7.97**
Rajendra Lohia Vidya Mandir, Uttar Pradesh	
12th with Science — Percentage: 71%	**2021 – 2022**
10th with Science — Percentage: 90.6%	**2019 – 2020**

Skills

Programming Languages	C++, Python, Java
Software Engineering	Django REST Framework, Git, GitHub, PostgreSQL
Systems Engineering	Linux, Amazon Web Services, Azure, Docker, Ansible

Training

Summer Training on Data Structures and Algorithms   **Jul 2024 – Aug 2024**
Programming Pathshala – **[Link](#)**
- Completed summer training in Data Structures and Algorithms, focusing on problem solving and algorithmic thinking.

Projects

Shop Sphere | Django, PostgreSQL, Redis, Razorpay | **[Link](#)**   **Jan 2024 – Mar 2024**
- Architected an E-commerce backend, implementing caching to accelerate response times and enhance scalability.
- Designed secure user authentication with email-based OTP verification, password recovery, and JWT-based stateless session management.
- Integrated Razorpay for seamless online payments alongside cash-on-delivery support to cater to diverse user preferences.

GymZoid | HTML, CSS | **[Link](#)**   **Mar 2023 – Apr 2023**
- Created a responsive static website tailored for desktop platforms to represent a local gym's online presence.
- Designed interactive pages to display services, workout schedules, and trainer details with clear visual hierarchy.
- Ensured a clean layout and smooth navigation to deliver a user-friendly and visually appealing experience.

Library Management System | C++ | **[Link](#)**   **Jan 2022 – Feb 2022**
- Implemented functionalities for student and admin authentication, book issuance, and inventory management using unordered_map and vector for efficient data handling.
- Implemented persistent data storage by integrating file handling to save and load book and user records, ensuring data is retained across sessions.
- Designed an interactive console-based UI allowing admins to manage books and students, and students to issue, return, and view their issued books, enhancing usability with structured menus and role-based access.

Certificates

Social Networks	**November 2024**
NPTEL — **[Link](#)**	
AWS Certified Cloud Practitioner	**December 2023**
LinkedIn — **[Link](#)**	
Learning Cloud Computing: Core Concepts	**October 2022**
LinkedIn — **[Link](#)**	

Achievements

- Leetcode 50 Days Badge 2024