

Piyush Chaudhary

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Education

Lovely Professional University Punjab	2022 – Present
Bachelor of Technology in Computer Engineering	CGPA: 7.8
Rajendra Lohia Vidya Mandir	
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

Projects

Shop Sphere Django, PostgreSQL, Redis (Cache & Message Broker)	Link
<ul style="list-style-type: none">Architected an E-commerce backend using Django and PostgreSQL, implementing Redis caching to accelerate response times and enhance scalability.Integrated OTP-based authentication, including secure Email OTP authentication and password recovery, reinforcing security and ensuring seamless user verification for a frictionless shopping experience.Implemented Razorpay integration for online payments and cash on delivery support for offline transactions.Designed and executed comprehensive unit tests and stress testing, optimizing database performance and fortifying system reliability under high traffic loads.	
GymZoid HTML, CSS	Link
<ul style="list-style-type: none">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.	
Library Management System C++	Link
<ul style="list-style-type: none">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	
A Beginner's Guide To Public Cloud	september 2022
LinkedIn — Link	

Achievements

- Leetcode 50 Days Badge 2024