Piyush Chaudhary

+91-6395560039 | forkmemaybe@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

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**
- 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**
- 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**
- 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