

Piyush Chaudhary

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Education

Lovely Professional University, Punjab Bachelor of Technology in Computer Engineering	2022 – Present CGPA: 8.0
Rajendra Lohia Vidya Mandir, Uttar Pradesh Intermediate – Percentage: 71%	2021 – 2022
Matriculation – Percentage: 90.6%	2019 – 2020

Skills

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

Training

Summer Training on Data Structures and Algorithms Programming Pathshala – Link	Jul 2024 – Aug 2024
<ul style="list-style-type: none">Completed summer training in Data Structures and Algorithms, focusing on problem solving and algorithmic thinking.	

Projects

Redis Server Clone C++ (In Progress) Link	Aug 2025 – Present
<ul style="list-style-type: none">Building a lightweight Redis server clone in C++ to deepen understanding of in-memory databases, client-server architecture, and networking (TCP sockets).Implements core Redis commands, memory storage, and event loop mechanisms to simulate real-world NoSQL behavior.	
XKMailer PHP, Cron Link	June 2025 – June 2025
<ul style="list-style-type: none">Developed a PHP-based email subscription system with 6-digit email verification, unsubscribe links, and secure double opt-out mechanism.Automated daily delivery of random XKCD comics using a CRON job and HTML-formatted emails.Ensured modular, instruction-compliant implementation with all logic confined to the src directory and file-based email storage.	
Shop Sphere Django, PostgreSQL, Redis, Razorpay Link	Jan 2024 – Mar 2024
<ul style="list-style-type: none">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.	

Certificates

Social Networks NPTEL — Link	November 2024
AWS Certified Cloud Practitioner Cert Prep: 3 Core Services LinkedIn Learning — Link	December 2023
Learning Cloud Computing: Core Concepts LinkedIn Learning — Link	October 2022

Achievements

- Leetcode 50 Days Badge 2024. ([Link](#))
- Ranked 391/32378 participants in Codequest #20 Coding Challenge. ([Link](#))