

Anurag Pandey

Bachelor of Technology
Computer Science and Engineering
Pranveer Singh Institute of Technology, Kanpur

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🐙 GitHub Profile
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EDUCATION

- **B.Tech Computer Science And Engineering** 2023-27
Pranveer Singh Institute of Technology, Kanpur **CPI: 7.1**
- **CLASS-XII (ISC)** 2020-22
City Montessori School, Lucknow

PROJECTS

- **CodeDuo – Duolingo for Coding (In Development)** GitHub
 - Built gamified coding platform with React and TailwindCSS delivering interactive coding lessons
 - Integrated Firebase auth and real-time database for secure user sessions and streak tracking
 - Designed scalable Node.js backend supporting leaderboard and friend challenges
 - **Stack:** React, Firebase, Node.js, Express, TailwindCSS
- **PaperReviewTool (IIT-KGP Hackathon)** GitHub
 - Engineered CLI-based Python NLP tool to evaluate academic papers for readability, clarity, and impact
 - Optimized parsing using PyPDF2 and scoring with spaCy/PyTorch
 - Demonstrated modular system design principles and efficient text-processing pipeline
 - **Stack:** Python, NLP, PyPDF2, spaCy, PyTorch
- **Student Collaboration Portal (In Progress)**
 - Developed REST APIs with Express.js for secure academic resource sharing and communication
 - Designed backend system for scalability and resilience in Firebase environment
 - Implemented authentication, peer-to-peer messaging, and hostel-item exchange workflows
 - **Stack:** React, Node.js, Firebase, Express.js

TECHNICAL SKILLS

Languages: C, C++, Python, JavaScript
Frontend: React.js, HTML5, CSS3, Tailwind CSS
Backend: Node.js, Express.js, RESTful APIs, Microservices
Databases: MongoDB, MySQL, NoSQL
Networking & Systems: TCP/IP, Computer Networks, Socket Programming, Linux (Ubuntu)
Cloud/DevOps: Git, GitHub, Postman, Docker (Basics), Continuous Integration (CI/CD)
Other: NLP Basics, System Design Principles, Agile/Scrum

KEY COURSES TAKEN

Data Structures & Algorithms, Object-Oriented Programming (OOP), Operating Systems, DBMS, Computer Networks, Software Engineering, Cybersecurity Basics

ACHIEVEMENTS

- Solved 600+ Data Structures & Algorithms problems on LeetCode, Codeforces, and GfG demonstrating strong problem-solving ability
- Participated in hackathons showcasing software development and system design skills
- District-level football representation and active competitive chess player (1000+ rating on chess.com)

POSITIONS OF RESPONSIBILITY

•National Social Service Volunteer

2023 – 2024

- Conducted awareness drives on education and hygiene in rural communities
- Volunteered to teach underprivileged children during weekends