

# AYUSH PALLAV PANDEY

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## EDUCATION

### Chandigarh University, India

Sept 2022 - Jun 2026

Bachelor of Engineering, Computer Science and Engineering

GPA: 7.01/10.0

### Don Bosco Academy, India

April 2009 - June 2022

Matriculation and Intermediate, Science with Computer Studies

Percentage: 71

## INTERNSHIP

### Bihar State Electronic Development Corporation Limited

May 2024 - July 2024

Computer Networking // Cloud Computing, Internship

Patna, India

- Identified recurring software glitches, leading to a 30% reduction in response time for hardware issue resolutions.
- Utilized Trend Micro, Checkpoint, BIGIP F5, Forcepoint SEV, and other firewall tools to locate and verify server security software.
- Developed comprehensive disaster recovery management documentation for 10+ virtual machines using Microsoft Azure and VMware, ensuring data integrity while streamlining backup processes.

## PROJECTS

### Book Management System (RESTful API, Maven, Tomcat)

Feb 2024 - DEC 2024

- Built a RESTful API-driven book management system supporting CRUD operations, improving user access time by 30percent.
- Streamlined backend processes, rated as 'excellent' by over 90percent of end-users during testing phases.
- Deployed using Tomcat and Maven for streamlined build automation, providing a robust backend and enhanced user experience.

### Pneumonia Image Analysis In Deep Learning (Deep Learning, OpenCV, TensorFlow)

AUG 2024 - Dec 2024

- Engineered data pre-processing techniques to improve training efficiency by 30percent, enabling faster convergence for pneumonia prediction.
- Designed a CNN model integrating Conv2D for feature extraction and MaxPool2D for dimensionality reduction, boosting prediction accuracy by 20percent.

### Brainiac: A Cognitive Game (Tkinter)

Aug 2024 - Oct 2024

- Developed a timer-based game scoring users for correct answers within 60 seconds.

### Success Movie Prediction (NumPy, Pandas, Seaborn)

Sept 2022 - Nov 2022

- Utilized IMDb ratings to analyze and predict movie success.

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, C++, .NET  
**ML/AI:** PyTorch, OpenCV, TensorFlow, NumPy, Pandas  
**Operating Systems:** Windows 10/11, Linux

**Web Technologies:** HTML, CSS, Django, JavaScript, ReactJS  
**Miscellaneous:** MySQL, VMware, Git, Kubernetes, Docker  
**Soft Skills:** Teamwork, Leadership skills, Problem-Solving, Work-ethic

## ACHIEVEMENTS

<b>Anchoring</b>	Secured third position as Co-Anchor on the occasion of Engineering Day	2024
<b>President</b>	Attained first place for departmental event planning and club leadership	2024
<b>Cloud Computing</b>	Scored 60% in NPTEL's Cloud Computing course	2023
<b>Coding Competition</b>	Secured second place in a CODECHEF-organized competition	2022
<b>Best Speaker</b>	Delivered award-winning Hindi elocution at Azaadi Mahotsav	2021

## POSITIONS OF RESPONSIBILITY

### Core Member and Event Organizer (CAC, University Club)

2024 - 2025

Led Co-anchored at Space App Challenge and registration desk for University Level Hackathon (Tekathon).

### President (Invento, Departmental Club)

2023 - 2024

Conducted a seminar on "Prep and Visualize Using Tableau" and organized a music competition for University Fest.