

# Nitin Pandita

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## EDUCATION

### GD Goenka Public School, Jammu

Secondary Education

Jammu, India

2012 – 2022

- Achieved 95% in 12th board exams.

### PES University, Bengaluru

Bachelor of Technology in Computer Science

Bengaluru, India

2022 – 2026

- CGPA: 8.51 (Until 5th Semester).

## PROJECTS

### Event Management System

August 2023 – December 2023

HTML, CSS, MongoDB, JavaScript

- Developed a responsive web app for event planning and management.
- Implemented user authentication and role-based access control.
- Integrated MongoDB for event data storage and real-time updates.
- Enhanced UI with dynamic event creation and booking features.

### Crime Management System

August 2024 – December 2024

MySQL, Streamlit, Python

- Designed a database schema to manage crime data, including cases, criminals, and evidence.
- Built a Streamlit-based interface for CRUD operations and efficient data retrieval.
- Secured records with role-based access control and optimized database queries.
- Delivered statistical reports and predictive analytics for crime trends.

### Next Generation Firewall for Dos/DDos Attacks

August 2024 – Present

Machine Learning, Python, Scikit-learn, TensorFlow

- Designing a machine learning-based framework to detect and mitigate DoS/DDoS attacks in real-time.
- Developing classification models to differentiate between normal and malicious traffic.
- Integrating AI-driven threat intelligence with next-generation firewall systems for automated response.

## TECHNICAL SKILLS

**Languages:** Python, C/C++, SQL, JavaScript, HTML/CSS, Go

**Libraries:** Pandas, NumPy, Matplotlib, Pytorch, TensorFlow

**Frameworks:** React, Node.js

**Concepts:** Data Structures and Algorithms, Database Management System

## EXTRACURRICULAR ACTIVITIES

### Swarantraka Music Club

2022 – Present

Percussionist

- Performed at multiple college events, cultural fests, and competitions.
- Secured 2nd place in Swar Sangam (Group Singing - Indian) at Christ Academy, Institute for Advanced Studies (2024).

### Event Management

2023 – 2024

PES University Annual Techno-Cultural Fest (MAAYA)

- Managed events for PES EC's Annual Techno-Cultural Event, Maaya (2023).
- Managed logistics for PES EC's Annual Techno-Cultural Event, Maaya (2024).

### PES University EC Campus Cricket Team

2023 – Present

All-Rounder

- Member of the College Cricket Team, representing the college in inter-college tournaments.