

# N YOGENDRA CHOWDARY

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## PROFESSIONAL SUMMARY

I'm a 5th-semester student at PES University, immersed in web technologies, programming, Graphic Designing, and data visualization. Proficient in C, Python, and Java, I've built academic focused on IoT , voice interface, and real- time data workflows. My background in art, copywriting, and editing helps me pair technical rigor with creative, user- centric problem solving.

## TECHNICAL SKILLS

- **Programming Languages:** C, Data Structures, MySQL, Java, python.
- **Web Technologies:** Front End (HTML, CSS , JavaScript), Back End ( FastAPI)
- **Graphic Design:** All Adobe Tools
- **AI Libraries and Machine Learning:** NLP (Natural Language Processing), Basics of Supervised and Unsupervised Learning
- **Database Management:** SQL, MySQL, Firebase (Firestore/Realtime Database)
- **Developer Tools:** Jupyter Notebook, GitHub, Android Studio, Visual Studio, Microsoft Office (Advanced Excel, Word)

## EDUCATION

**People Education Society (PES) University, Bangalore, India** **July 2023 - Present**  
Bachelor of Computer Applications, | CGPA: 6.12/10

**PES Public School, Chittoor, India** **July 2021 – May 2023**  
Biology, Chemistry, Physics | Percentage: 60.0 %

**PES Public School, Chittoor, India** **July 2010 – May 2021**  
High School | Percentage: 60.0 %

## EXPERIENCE

**CBDA - Tech Head, PES University , Bangalore, India** **Aug 2024 – Present**

- Developed and Deployed an Event-management system using HTML, CSS , JavaScript and Google Sheets) for college-level Bootstrap event for college.
- Organized Two college-level hackathons end-to-end, including technical planning, coordination, and execution.

## PROJECTS

### IoT Smart Home-X (on Going)

- Developed an IoT-based Smart Home Automation system using Raspberry Pi, sensors, and Flutter.
- Automated lighting, fans, and door locks using PIR-based occupancy detection.
- Implemented real-time gas leak detection and alerts using Firebase cloud services.
- Designed a secure, scalable mobile app for monitoring and controlling home devices.

### TAMS Event Management System (TypeScript and Firebase):

- Developed a multi-venue event management website with interactive team-based gameplay.
- Implemented a game with 27 questions where teams register per venue; venue admins evaluate answers and eliminate low-scoring teams.
- Successfully managed 7 venues in real-time, each hosting 25+ teams, handling dynamic scoring and question pop-ups.

### School website with CMS (Freelance Project – in Progress):

- Designing and planning a professional school website with two user roles: general users and school administrators.
- Developing a custom CMS for the school to manage announcements, events, student updates, and content.
- Defining architecture, user flows, and feature set for a scalable, maintainable web platform.