

Ashmita Chaki

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Career Objective

A passionate and motivated B.Tech CSE 2nd-year student seeking an internship opportunity in Cybersecurity, Web Development, or Game Development, where I can apply my programming skills, learn new technologies, and contribute to real-world projects.

Education

PES University | GPA: 8.11/10.0 [as of Second Year, 3rd Sem]
Bachelor of Technology in Computer Science & Engineering

Bengaluru, India
Sept 2024 – May 2028
(Expected)

Chethana PU College, Yelahanka
Senior Secondary | 94.3%

2022 – 2024

Delhi Public School - Bangalore North
Secondary, CBSE | 92.2%

2010 – 2022

Skills

- **Programming:** Python, C, C#, JavaScript, TypeScript
- **Web Development:** HTML, CSS, React, Svelte, Node.js, Web Audio API
- **Cybersecurity (Basics):** Ethical hacking, Vulnerability assessment, CTFs, Linux tools
- **Game Development:** Unity, Blender, Krita, Aseprite
- **Tools/Tech:** Git, PyTorch, NumPy, Pandas, Figma
- **Soft Skills:** Leadership, Event Management, Creativity, Teamwork

Experience

- **Secretary - Rotaract Club of PES University** RY 2025-26
 - Coordinated events with 50+ volunteers
 - Managed operations, logistics, and tech-driven event execution
- **Technical Member, Parallax PES University**
 - Game Development, Level Design and Asset Creation
 - Assisted in mentoring during a 3D Blender Workshop
 - Assisted in mentoring during a 2D Unity Workshop
 - Volunteered and Reviewed games as part of the panel for 'deltaTime 3.0', Parallax's Game Jam.
- **Vice Chair - ACM PES University, Electronic City** 2026-27
 - Operations head for ACM's flagship event - 'Hacknight 7.0', as a part of Hacktoberfest 2025.
 - Project Mentor for 'ProgChamp' under ACM's Industrial Experience Program '26 (AIEP '26).
- **Volunteering Head - PAWS [Animal welfare community, PES University]**

Projects

- **ProgChamp - Webapp to upload and play games [Ongoing]** 2026
TypeScript, Svelte, Sveltekit
 - Developed the frontend interface for a platform allowing users to upload, browse, and play web-based games
 - Currently mentoring contributors for the project under AIEP '26, ACM's Industrial Experience Program
- **FrndBoard - Soundboard** 2025
React, Web Audio API, Tone.js
 - Developing custom soundboard for ProgChamp 1.0 by ACM PESUECC
 - Implements audio processing, user uploads
- **Age Gauge - Age Prediction Model** 2024
Neural Networks (NumPy, PyTorch)
 - Built an ML model to predict user age using deep learning concepts
 - Implemented with NumPy + PyTorch as part of PESU I/O
 - Worked with one teammate; trained and optimized model accuracy

Certifications

- Python (Basic) Certificate - HackerRank
- PESU IO - Neural Networks Unleashed
- PESU IO - Practical Web Security and Ethical Hacking
- IBM 2024 Qiskit Fall Fest (Certificate of Participation and Completion of a Quantum Project)
- CNR Rao Merit Scholarship - awarded to top 25% SGPA in the department

Co-Curricular Activities

- **Code Fusion** – OpenCV, Google Calendar Automation, along with CTFs.
- **Hacknight 6.0** – Contributing to Open Source Repositories, Git & Repo Workflow.
- **DeltaTime Game Jam** – 2D Platformer in Unity
- **The Hunt 3.0** – Completed all the CTF challenges
- **Altverse Game Jam** – 2D Game (Unity + GameMaker)
- **The Hunt 4.0** – Completed all the CTF challenges

Extracurricular Activities

- Digital Artist, 3D Blender Artist, Crochet
- Amateur Guitarist
- Actively learning Japanese and German