

# Mst. Punni Akter



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<https://github.com/PunniAkte>

## EDUCATION

### B.Sc in Computer Science Engineering(CSE)

Green University of Bangladesh  
(2022 -Present) **CGPA-3.30**

### HSC in Science

Govt. Murapara College  
(2018 - 2020) **GPA-4.92**

### SSC in Science

H.R Model High School & College  
(2016 - 2018) **GPA-4.67**

## SKILLS

- HTML, CSS, JavaScript
- Python, PHP , MYSQL
- Git, GitHub
- React JS & Nextjs
- Communication Skills
- Machine learning libraries - Numpy, pandas, scikit-learn, pytorch, tensorflow

## EXTRA CURRICULAR ACTIVITIES

- Intern **Content Writer** at **Green University Center for International Affairs – GCIA**

## LANGUAGE

- English  
Fluent
- Bengali  
native

## PROFILE

To secure a dynamic position in the technology sector where I can leverage my enthusiasm for exploring emerging innovations and apply my technical expertise to deliver impactful solutions. I aim to become a proficient and versatile professional who contributes to building advanced technology systems and services while continuously enhancing my knowledge and skills to grow within the field.

## PROJECTS & PROFESSIONAL EXPERINCE

### EduTrack360 – Unified Attendance Management Platform

**Github link – <https://github.com/PunniAkte/IDP2-Final> April 2024**

- **Frontend:** Next.js (server-side rendering, automatic routing), React (dynamic UI), Material-UI (tables, buttons, alerts), Geist font, JavaScript (ES6+).
- **Backend:** Node.js (server logic), MongoDB (data storage with MongoDB Atlas), dotenv(secure environment variables), ESLint (code linting).
- **Tools:** Git (version control), npm/Yarn (package management), VS Code (development),Haversine formula (geo-distance calculations).
- **Key Features:** Real-time geo-fencing for attendance, role-based dashboards, reminders and notifications, clean code architecture, responsive design.

### 2D N-Queens Problem Solver and Visualizer

**Github link – <https://github.com/PunniAkte/AI-> May 2024**

- **Algorithms:** Classic Backtracking, Heuristic-based Backtracking, Genetic Algorithm
- **Technologies Used:** Python 3.x ,Tkinter, Matplotlib, NumPy
- **Features:** Multiple Solving Methods, Visualization, Performance Metrics, GUI Interface

### Student Management System

**Aug 2024**

**Github link – [https://github.com/PunniAkte/Student\\_Management](https://github.com/PunniAkte/Student_Management)**

- **Backend:** PHP (with PDO for secure database operations)
- **Database:** MySQL (schema + initial data in init.sql)
- **Frontend:** HTML (embedded in PHP) + CSS (custom styles)
- **Authentication:** PHP sessions with role-based access control (admin, student)

### Doctor Appointment Management System

**Sept 2024**

**Github link – <https://github.com/PunniAkte/Doctor-Appointment->**

### Management-System

- **Frontend:** Next.js (App Router, TypeScript), React, Tailwind CSS (responsive design), Zustand (state management), React Query (API caching & optimistic UI), Axios.
- **Tools:** Git, npm/Yarn, VS Code, React Hot Toast (notifications), Vercel (deployment).