

# Aman Raj

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## CAREER OBJECTIVE

I'm a curious and driven Computer Science student with a strong foundation in Python, C, and web development. I enjoy turning ideas into practical solutions and have gained experience by participating in national hackathons and academic projects. Passionate about solving real-world problems through code, I'm eager to keep learning and contribute my skills through an impactful internship opportunity.

## EDUCATION

### B.Tech, Computer Science & Engineering (2024-2028)

Vivekananda Global University

CGPA: 9.64/10

### Senior Secondary (XII), Bihar School Examination Board (BSEB) (2023)

Science

MHK College

Percentage: 87.80%

### Secondary (X), CBSE (2021)

CT Residential School

Percentage: 72.20%

## TRAININGS / CERTIFICATIONS

### Data Analytics

IBM, Virtual

Decoding Data: Insights & Impact through Analytics

### Coursera Certificates

Google Ads for Beginners,  
Create a Google Ads Search Campaign

### Linkedin Certificates

Python Quick Start, Using python for automation,  
System Thinking, Turn should learn into want to  
learn

## PROJECTS

### House Planner AI – Hackathon Project

Apr 2025

Developed an AI-based tool that assists users in planning and visualizing house layouts based on their preferences and room requirements.

Integrated AI to generate room suggestions and design ideas dynamically.

Created a user-friendly interface for users to input dimensions and requirements.

### Alarm Clock

Oct 2024 Designed a simple digital alarm clock using

Python's datetime and playsound libraries to set alerts and reminders.

### Unit Converter

Designed a simple unit converter using Python's Tkinter library.

### Cyber Rajasthan – Game Jam Project

Mar 2025

Created a story-driven 2D adventure game where a programmer explores Rajasthan's forts and gets transported to a cyber-futuristic version of the state.

Designed quests, NPC interactions, and a final boss level across timelines.

Implemented backend APIs to store player data, progress, and unlock achievements.

Led version control and team collaboration using GitHub during the 48-hour event.

We failed to create a working game but that gave us the experience and helped understand flutter basics.

### Simple Calculator

Sep 2024

Built a GUI-based calculator with basic arithmetic operations using Python's Tkinter library.

**Flood Prediction with AI & Nutritional Guidance – Transdisciplinary Project**

Aug 2024 - Present

Developing a machine learning model to predict flood-prone zones using historical climate and rainfall data.  
Designed a responsive multi-page website offering flood alerts, evacuation tips, hygiene advice, and age-specific nutritional guidance.  
Integrated personalized health recommendations based on userinput (age, gender, medical conditions).  
Collaborated with a cross-disciplinary team including CS, Pharma, and Paramedical students.

**SKILLS**

- |                           |                           |                    |
|---------------------------|---------------------------|--------------------|
| • HTML                    | • Python                  | • C Programming    |
| • Team Management         | • Git                     | • GitHub           |
| • Artificial intelligence | • Figma                   | • Machine Learning |
| • Emotional intelligence  | • Effective Communication | • Leadership       |

**EXTRA CURRICULAR ACTIVITIES**

- Team member in multiple college-level hackathons and National level Game jam(DoIT&C).
- Regular contributor to GitHub projects and interested in Open Source development.  
Leading a team for IBM SB Data Analytics Summer certification Program.

**Campus Ambassador – Glow Logics**

Successfully onboarded 20+ students to the Glow Logics community.  
Demonstrated leadership, outreach, and networking skills through peer engagement.  
Recognized with a Campus Ambassador Certificate for outstanding contribution.