

# CHIRAG BISHT

Noida

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Software Engineer with experience in Python, Django, and full-stack web development. Skilled in integrating APIs, implementing Agile methodologies, and deploying containerized applications with Docker.

## Education

### Inderprastha Engineering College

B.Tech in Information Technology

11/2021 – 6/2025

Sahibabad, Uttar Pradesh

## Relevant Coursework

- Data Structures
- Cloud Computing
- Computer Networks
- Artificial Intelligence
- Cybersecurity
- Object Oriented Progg.
- Database Management
- Computer Architecture

## Technical Skills

**Languages:** Python, Django, SQL, HTML/CSS

**Developer Tools:** VS Code, Cursor, IDX

**Technologies:** MongoDB, GitHub, Docker, Prompt Engineering

## Experience

### CISCO Cybersecurity

05/2024 – 07/2024

Intern(virtual)

- Developed a comprehensive network architecture for a college, connecting various department PCs and lab systems to simulate real-world administrative networks and reducing network latency by 15% .
- Implemented firewall configurations and cybersecurity measures that reduced potential security breaches by 25%.
- Developed a scalable network architecture supporting 50+ devices, enhancing departmental connectivity and simulation accuracy.
- Conducted performance testing and troubleshooting to ensure the robustness of routing protocols under load.

## Projects

### Humanizer | [Live Preview](#)

01/2025 – 02/2025

- Developed an AI-driven application using GeminiAPI, and Groq API to detect and rephrase AI-generated content, increasing content naturalness by 80%.
- Utilized advanced prompt engineering and Sonnet 3.7 to reduce AI hallucinations by 30% and enhance accuracy.
- Developed an app that improved AI response accuracy by 50% using advanced optimization techniques

### Chat Room | [Live Preview](#)

07/2024 – 09/2024

- Built a scalable chat room application using Django with fully implemented user authentication.
- Implemented real-time messaging with polling techniques, reducing message latency by 50%.
- Created visually appealing and responsive front-end designs using Tailwind CSS, with HTML generated through advanced generative AI models for rapid prototyping and development.
- Designed a robust backend architecture with database models to handle up to 50 concurrent users.

### Flappy Bird Game

07/2023 – 11/2023

- Developed an interactive game using Python and Pygame, incorporating advanced collision detection algorithms that enhanced gameplay realism and responsiveness.
- Utilized advanced collision detection algorithms achieving a 90% user satisfaction rating for precise interactions between the bird, obstacles, and ground.
- Fixed frame rate to 60 for smooth user experience and immersive gameplay

## Certifications

DSA in Python from GeeksforGeeks | [Live Preview](#)

Cybersecurity Essentials by Cisco | [Live Preview](#)

MongoDB Developer's Toolkit by GeeksforGeeks | [Live Preview](#)

## Leadership / Extracurricular

- Represented university in National Esports Tournament and secured 3rd position.
- Founding member of Esports Club and conducted multiple events throughout the year.