

# BHARAT BISHNOI

Computer Science Major

📞 9610121205

✉ [bishnoiibharat9610@gmail.com](mailto:bishnoiibharat9610@gmail.com)

🌐 [linkedin.com/in/ibharatbishnoi](https://www.linkedin.com/in/ibharatbishnoi)

🐙 [github.com/ibharatbishnoi](https://github.com/ibharatbishnoi)

## Education

### Vellore Institute of Technology

2021 – 2025

*B.Tech in Computer Science*

*Chennai, TN*

- CGPA 8.11

### Chhatrapati Shivaji Sr Sec Sch

2018 – 2020

*Higher Secondary Education*

*Kota, RJ*

- Percentage 66%

## Experience

### Capabl (from Elite Techno Groups)

June 2023 – July 2023

*Full Stack Developer Intern*

*Remote*

- **Hangman Game Development** Developed a text-based Python Hangman game with features like user-input letter guessing, random word selection, and dynamic display manipulation to provide an interactive challenge.
- **Library Management System** Created a fully functional Library Management System using Java that automated the entire process of book cataloging; achieved an average processing speed improvement of more than two-fold when managing transactions.

### Rajasthan Cultural Club

June 2022 – July 2023

*Social Media Head*

*Chennai, TN*

- **Social Media Strategy** Led a successful social media strategy to increase engagement and visibility for cultural events, boosting student participation.
- **Event Management** Organized and promoted multiple cultural events, enhancing cultural awareness and community involvement.

## Projects

### GenoCryptNet | *Cryptography, DNA Encoding, Steganography*

- **Secure Data Transmission:** Developed GenoCryptNet, a cutting-edge system that integrates multiple advanced cryptographic techniques for secure data communication.
- **Steganography Techniques:** Engineered embedding and extraction algorithms to hide DNA-encoded data within images securely.
- **Decryption Pipeline:** Created a DNA decoding and decryption process to accurately restore the original plaintext from encoded sequences.

### Mental Health Chatbot | *BERT, Natural Language Processing*

- **Model:** Pre-trained BERT model fine-tuned for sequence classification.
- **Data Preprocessing:** Text cleaning, tokenization using Hugging Face Transformers, and feature extraction.
- **Interactive Features:** Real-time prediction and response generation leveraging a mapped response database.
- **Visualization:** Used Seaborn and Matplotlib for intent and response distribution analysis.

## Technical Skills

**Programming Languages:** Python, Java, C/C++, HTML/CSS, JavaScript

**Core Competencies:** Data Structures and Algorithms, Leadership, Problem Solving

## Certificates

### AWS Certified Cloud Practitioner

Jul 2024 – Jul 2027

### AWS Certified Solutions Architect - Associate

Aug 2024 – Aug 2027

## Languages

English

Hindi