



PRERNA

2ND YEAR BTECH STUDENT

CONTACT

91-9636052269

prernasingh521@gmail.com

Begusarai, Bihar 851101,
India

www.linkedin.com/in/prerna-
singh-7b40792a2

EDUCATION

2023-2027

VIT BHOPAL UNIVERSITY

- COMPUTER SCIENCE
(SPECIALIZATION IN
HEALTH INFORMATICS)
- 9.04 CGPA

SKILLS

- LANGUAGE : Java , Python ,
Javascript , HTML , CSS
- TECHNICAL SKILLS : Microsoft
Excels, SQL, Canva, Figma.
- SOFT SKILLS : Event
Management, Time
Management, Mentoring, Team
Work.

LANGUAGES

- English
- Hindi

PROFILE

Aspiring Second-year B.Tech student specializing in Computer Science and Engineering, with a strong passion and interest for web development and UI/UX design. Eager to explore and expand my technical skills by learning and applying innovative solutions in real-world projects.

EXPERIENCE

Coincent.ai

APR 2024 - JUN 2024 •
3 MONTHS

Intern

- Gained hands-on experience in managing complex data problems in a more strategic manner.
- Learned how to extract meaningful insights that drive impactful decisions.
- Recognized for being dedicated, hardworking and diligent throughout the internship.

PROJECTS

Mitigation of Adverse Drug Interaction (ADRs) with Web Interface.

- Predict Positive Or Negative interaction between drugs with help of FNN (Feedforward Neural Network).
- The Model predicts **drug-drug interactions (DDIs)** by learning how drugs are connected and influenced by their relationships (like enzymes, pathways, or side effects).

Psychological Distress Assessment.

- Design a system capable of analyse written text and classifies it as Depressed or Not Depressed based on linguistic patterns and emotional tone.
- Utilize machine learning or deep learning models, leveraging techniques like TF-IDF, Word Embeddings, or Transformers (e.g., BERT).

INVOLVEMENT

- SENIOR ASSOCIATE (Notion Community).
Operations Team
- CORE MEMBER (Stats-O-Lo ked Club)
Content Team
- VOLUNTEERING (GUJARATI CLUB, RAJASTHANI CLUB, BENGALI CLUB)

CERTIFICATIONS

- PYTHON ESSENTIALS
- FUNDAMENTALS IN AI AND ML
- JAVA PROGRAMMING
- MATLAB
- C++
- DATA SCIENCE WITH PYTHON