

# Prerna

9636052269 | prernasingh521@gmail.com | linkedin.com/in/prernasingh | github.com/prerna299

## SUMMARY

I am a passionate Full-stack developer with a solid understanding of both front-end and back-end development. I have worked with technologies like HTML, CSS, JavaScript, React, Node.js, and MongoDB. I enjoy creating websites and full-stack applications that are responsive and easy to use. I'm quick to learn new tools, good at solving problems, and comfortable working in a team. I'm looking forward to working on real-world projects that make a difference.

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, HTML, CSS, Javascript, Flutter

**Deep Learning Frameworks:** TensorFlow, PyTorch, Keras

**Libraries & Tools:** NumPy, Pandas, Scikit-learn, Node.js React, OpenCV

**Core Subjects:** Operating System, Computer Networks, DataBase Management Systems

## PROJECTS

### Podcast Streaming Service - (Link)

May 2025 – July 2025

*MERN Full Stack Project*

*MongoDB, ReactJS, NodeJS, ExpressJS*

- Developed an user-friendly podcast streaming web application
- Used Multer and Cloudinary to upload, host and stream audio files.
- Achieved CRUD operations and user authentication

### Early Detection of Skin Cancer

Jan 2025 – Apr 2025

*Deep Learning Project*

*Python, CSS, TensorFlow, Keras, Scikit-learn, FastAPI, Streamlit*

- Built a model to detect and classify skin cancer lesions from medical images
- Implemented pre-trained transformer models using Hugging Face
- Integrate the model into web based application for easy access.

## EXPERIENCE

### Data Science Intern - (Certificate)

Apr 2024 – June 2024

*Coincent.ai*

*IIT Madras, India*

- Gained experience in data preprocessing and model performance metrics to improve accuracy.
- Implemented Machine learning algorithms like Linear Regression, KNN, Decision Trees.
- Evaluated Hate Speech Detection Model to classify social media texts.

### Mern Full Stack - (Certificate)

May 2025 – July 2025

*Ethnus Codemithra*

*India*

- Implemented CRUD Operations, authentication and API integration.
- Gained proficiency in MongoDB, Express.js, React.js and Node.js.
- Applied Git and GitHub for version control and collaborative development.

## EDUCATION

### VIT BHOPAL UNIVERSITY

Bhopal, India

*B.Tech in Computer Science, Health Informatics (CGPA - 9.08/10.00)*

*Sep 2023 – May 2027*

## CERTIFICATIONS

- Udemy Certified Machine Learning - (Certificate)
- Scalar Certified C++ - (Certificate)
- Ethnus Certified Mern Full Stack - (Certificate)
- Data Science with Python - (Certificate)