



# UJJWAL NARAYAN PANDRAM

Roll No.:IIT2021034

UG 3rd Year(B.Tech)

Computer Science and Engineering (IT Specialization)

Indian Institute Of Information Technology, Allahabad

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GitHub Profile

LinkedIn Profile

## EDUCATION

- Indian Institute of Information Technology, Allahabad** *December 2021-May 2025(Expected)*  
*B.Tech in Department of Information Technology* CGPA/Percentage: 8
- Kendriya Vidyalaya No.1 Bhopal** *August 2018-May 2020*  
*Class 12 CBSE,Bhopal,MadhyaPradesh* Percentage: 87
- Kendriya Vidyalaya No.1 Bhopal** *August 2016- April 2018*  
*Class 10 CBSE,Bhopal,MadhyaPradesh* Percentage: 86

## ACHIEVEMENTS

- Winner IIT Hyderabad Elan-N-vision National Hackathon In Web-Dev**
- 3rd place, All India "HINT" Hackathon by IIITA**
- Top Global RANKS 417, 518, 861, 1072, 2705 In Codechef AND Codeforces Contests.**

## PUBLICATIONS

- Enhanced Heart Disease Classification and Heart Disease Prediction using Deep Learning** *January 2024-May 2024*  
*Course Project / Prof.O.P Vyas,IIIT Allahabad*
  - Developed a hybrid deep learning model incorporating the Transformer for accurate classification of ECG signals and prediction of cardiovascular diseases. Achieved an impressive accuracy of 87.5% with comprehensive evaluation metrics.Advanced the field of cardiovascular diagnostics by leveraging spatial and temporal data integration.

## PROFESSIONAL EXPERIENCE

- Intelliassist-Skillmap.AI | Backend Developer Internship** *May 2024-Present*
  - Led web scraping efforts at Intelliassist.co to analyze landing page structures. Gurugram,Haryana, India
  - Utilized **BeautifulSoup** and **GrapesJS** to develop an algorithm that eliminates redundant code, resulting in improved conversion rates and enhanced user experience, driving client success. Achieved a 20-30% performance improvement on landing pages and reduced the code by up to 90%.
- Metamerch | Product Design Intern** *May 2023-June 2023*
  - Collaborated to ensure seamless implementation of user-centric products. Remote,Bengaluru,Karnataka,India

## PERSONAL PROJECTS AND RESEARCH WORK

- Placement Portal** *January 2024-May 2024*
  - MERN Stack (MongoDB, Express.js, React.js, Node.js)**
  - Built IIIT Allahabad's TCP Cell portal, streamlining student-recruiter interaction with login systems, placement workflows, achieving 100% Placement Drive success.
- Image Deraining Using Deeplearning** *July 2023-December 2023*
  - Python,Machine Learning** ,cycleGAN, ESRGAN,CNNs, and Cycle Consistency Loss. Evaluation metrics (PSNR, SSIM, MSE)
  - Developed an Image Deraining project using GANs and traditional filters, significantly improving image quality in adverse weather conditions. Achieved remarkable enhancements: PSNR increased by 10 dB, SSIM improved by 0.2, MSE reduced by 50%, and Attained an accuracy of 95%.
- Advanced Gold Price prediction** *September 2023-December 2023*
  - Python,Machine Learning,Seaborn, Scikit-learn** (RandomForestRegressor, KNN, **TensorFlow**, Keras,StandardScaler and MinMaxScaler
  - Created a Random Forest Regressor model, achieving MSE of 5.65 and R-squared of 0.989.

## TECHNICAL SKILLS AND INTERESTS

C/C++, Python, React, Express, NodeJs, MongoDB, JavaScript, HTML, CSS,PHP,Software Engineering,Beautiful Soup, GrapesJs,MySQL,UI/UX,Data Structures and Algorithms,AI/ML,Network Security, Computer Networks,Computer Vision, Image and Video Processing, OOPs, and DBMS.

## CODING PROFILES

Leetcode      GFG      Codeforces      Codechef      Interviewbit

## POSITIONS OF RESPONSIBILITY

- Lead - Google DSC** Conducted Workshops and Mentored over 500 Students *September 2023-May2024*
- Head,Filming and Creatives Dept.-** EFFE(Cultural) and APK(Tech Fest) ,IIITA *May2023-April 2024*
- Core team Member - HINT**,Largest student held hackathon in India,IIITA *August 2023-April 2024*
- Core team Member** AMS,Acoustic and Media Society *January 2021-May-2023*