

PIYUSH KUMAR PRASAD

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Education

•National Institute Of Technology Patna

2022-2026

B.Tech Computer Science and Engineering

CGPA: 9.3

Personal Projects

• Deep Learning-Based Kidney Disease Classification System [Link](#)

March 2024

- Developed a state-of-the-art deep learning system for kidney disease classification using medical imaging data.
- Improved diagnostic efficiency and patient outcomes in medical diagnostics with achieving much accuracy.
- Leveraged Python, TensorFlow, and Flask for seamless model development, deployment, and integration.
- Utilized Dockerfile for containerization, Pandas and NumPy for data preprocessing, and MLFlow Notebook for experiment tracking.

• Catalog Digitization Website [Link](#)

February 2024

- Spearheaded the development of a user-friendly website for catalog digitization.
- Utilized HTML, CSS, and JavaScript to create responsive user interface,implemented React and Node.js for efficient front-end and back-end development,and integrated MongoDB for robust data storage and management.
- Aimed at optimizing and enhancing the convenience for sellers to list their products on e-commerce platforms, ultimately improving business efficiency and user experience.

Skills and Competencies Document

Languages: C, C++, Python, JavaScript

Developer Tools: VS Code , PyCharm, Anaconda, Git, Github, Microsoft Office 365

Frameworks: HTML, CSS, ReactJS, TensorFlow, AngularJS , Dataflow

Cloud: Google Cloud Platform(GCP), Microsoft Azure

Databases: MySQL, MongoDB

Soft Skills: Leadership and People Management, Communication Skills, Adaptability, Process Improvement, Teamwork, Time Management, Analytical and Problem-Solving skills

Coursework: Fundamentals of Information Technology, Data Structures, Object Oriented Programming, Operating System, Database Management System, Design and Analysis Of Algorithm , Computer Networks , Artificial Intelligence

Areas of Interest: Management, Competitive Programming, Full-stack Development, Machine Learning, Gen AI, Large Language Models(LLM)

Positions of Responsibility

– **Public Relation**, Google Developer Student Club,NIT Patna

September 2023-Present

– **Technical Team**, Think India,NIT Patna

May 2023-Present

– **Volunteer**, National Service Scheme

January 2023-Present

– **Public Relation**, Robotics Club,NIT Patna

February 2023-Present

Achievements

– **Codeforces** Newbie on Codeforces with maximum rating of 847. [Link](#)

Since January 2024

– **Leetcode** Contest Rating 1477.Solved more than 300 DSA problems. [Link](#)

Since December 2023

– **CodeChef** 1* on CodeChef with Highest Rating 1250. [Link](#)

Since December 2023

– **Google Cloud Skills Boost** Earned about 11905 points.Awarded 12 badges. [Link](#)

Since 2023

– **Microsoft Learn** Achieved more than 110 badges and 26 trophies. [Link](#)

Since December 2023

– **NIT Patna** Scored 10/10 SGPA in the 1st Semester. [Link](#)

20 March 2023

Courses

–**Courses offered by DeepLearning.AI, Stanford University and AWS via Coursera.**

– Completed **AI For Everyone** Course with a score of 95.62% [Link](#)

– Achieved 91.15% in **Generative AI with Large Language Models** Course. [Link](#)

– Attained an exceptional score of 99.60% in the **Supervised Machine Learning: Regression and Classification** Course showcasing expertise in supervised learning techniques. [Link](#)

– Demonstrated proficiency in advanced machine learning concepts by scoring 98.20% in the "**Unsupervised Learning, Recommenders, Reinforcement Learning**" Course. [Link](#)

–**Courses offered by Meta via Coursera.**

– Scored 95.60% in **Introduction to Front-End Development** Course. [Link](#)

– Achieved 95.60% in **Introduction to Back-End Development** Course. [Link](#)

– Attained 94.66% in **Programming with JavaScript** Course. [Link](#)

– Earned 97.50% in **Version Control** Course. [Link](#)