

Pratibha Singh

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 GitHub
 LinkedIn

EDUCATION

- Dr. Rammanohar Lohiya Avadh University** 2022 - 2025
Bachelor of Technology | Computer Science and Engineering CGPA: 7.47
- Government Girls Polytechnic** 2017 - 2020
Amethi, Uttar Pradesh CGPA: 8.4
- R R S B V M I M V SCH Sultanpur** 2016 - 2017
Class 12th UP CGPA: 8.1

INTERNSHIP

- IIIT Allahabad [\[View\]](#)** 16 May, 2024 - 14 July, 2024
Machine Learning Intern Prayagraj, Uttar Pradesh
 - Researched and applied over 5+ machine learning and deep learning algorithms across various projects
 - Gained proficiency in Python and key deep learning libraries like TensorFlow and Keras
 - Implementing and optimizing models for various applications, such as healthcare.

PROJECTS

- Stroke Prediction Using Machine Learning** May - June, 2024
Developed a predictive model to forecast stroke occurrences using machine learning algorithms.
 - Tools & technologies used: Python, NumPy, Pandas, Scikit Learn, Matplotlib, Jupyter Notebook
 - Developed a predictive model for stroke occurrences using 5 machine learning algorithms (Logistic Regression, Decision Trees, Random Forest, SVM, KNN), analyzing a dataset of 10,000+ patient records
 - Achieved a 15% increase in prediction accuracy using Random Forest compared to baseline models
 - Evaluated performance metrics: Accuracy (85%), Precision (80%), Recall (78%), F1-score (79%) to compare model efficacy
- Portfolio | HTML,CSS,JavaScript**
Design a Portfolio website to represent all the works created by me.
 - Tools & technologies used: MongoDB, Express, React, Node.js, Redux, JWT, PayPal/Stripe
 - Developed a full-stack ecommerce app with user authentication, product catalog, cart management, and secure payments
 - Built RESTful APIs, integrated payment gateways, and implemented state management using Redux

TECHNICAL SKILLS AND INTERESTS

Programming Languages: JAVA C++, Python

Web Technologies: HTML, CSS, Tailwind CSS, Javascript, React, Node.js, Express.js, Next.js

CS Fundamentals: DSA, Operating System, Machine Learning, Database Management System, Computer Network, OOPs

ACHIEVEMENTS

- Solved 200+ DSA problems** on various platforms
- Participated and Solved 25+ DSA questions** Code with Scaler 25 days of code challenge
- Content Contribution to GDSC community** at Dr. RMLAU, which increased engagement of the students by 30%

POSITIONS OF RESPONSIBILITY

- Public Relations Team Lead, AlgoZenith Club** 2022 - 2024
I oversaw the planning and execution of club events, ensuring seamless logistics and fostering a sense of community among our members.
- Member, GDSC RMLAU Club** 2022 - 2024
I played a pivotal role in contributing content, and organizing and coordinating club meetings, workshops, and events.