

# Amar Rathi

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Github: <https://github.com/Amar144>

## EDUCATION

- **Graphic Era Hill University** Dehradun, India  
Bachelor of Technology - Computer Science; CGPA: 7.5  
July 2020 - July 2024
- **Delhi Public School** Bulandshahr, India  
Intermediate ; Percentage:82  
April 2018 - May 2019
- **Delhi Public School** Bulandshahr, India  
High School ; Percentage:85.5  
April 2016 - May 2017

## SKILLS SUMMARY

- **Languages:** C++, HTML, CSS, Javascript, MongoDB, React
- **Subjects:** DBMS, OOPS, OS, Computer Network
- **Tools:** Git, GitHub, VS Code, Jupyter Notebook
- **Soft Skills:** Leadership, Logic Building, Problem Solving, Communication , Time Management

## EXPERIENCE

- **CodSoft Private Limited** Remote  
Web Development (Intern)  
Aug 2023 - Aug 2023
  - **Work:** Developed various projects using HTML, CSS and JavaScript.
  - **Task:** Created a Web Page, Portfolio Website within a span of one month.

## PROJECTS

- **Movie Recommendation System:** Developed a web application using machine learning techniques, specifically the Bag of Words model. The project's frontend has been built using HTML, CSS for an intuitive user experience and leverages Jupyter Notebook for robust backend model training. This project confidently delivers relevant movie suggestions to users.
- **Potholes Detection System:** Developed a pothole detection system using the VGG16 convolutional neural network. Leveraged transfer learning to fine-tune the pre-trained model for high accuracy in identifying road surface anomalies. Implemented data preprocessing and augmentation techniques to enhance model performance. Achieved significant improvements in automated road inspection and maintenance efficiency.

## CERTIFICATIONS

- Cloud Computing Fundamentals by Alibaba Cloud (Nov '21)
- Introduction to Cyber Security by Cisco Network Academy (May '23)

## PARTICIPATION AND ACHIEVEMENTS

- **Event Organizer at Kavyanjali:**  
Organised various events on the University campus like Blood Donation camp, cleanliness drive etc.
- **Organizing Team Head:**  
Organised various gaming events for over 500+ students.

## HOBBIES

- Playing Badminton, Listening Music and Cooking