

ROHIT JOSHI

rohit11joshi10@gmail.com | +91-9758238757 | [PORTFOLIO](#) | [LINKEDIN](#) | [GITHUB](#) | [LEETCODE](#) | [GFG](#)

Education

Graphic Era Hill University, Dehradun, Uttarakhand, India

Sep 2020 – Jun 2024

- Bachelor of Technology in Computer Science and Engineering | CGPA: **8.35/10**

Siddharth Public School, India

Mar 2018 -- Jun 2019

- CBSE (Class XII), Aggregate: 81.6

Siddharth Public School, India

Mar 2016 -- May 2017

- CBSE (Class X), CGPA: **9.8/10**

Technical Skills

C++ | C | Python | HTML | CSS | JavaScript | ReactJS | NodeJS | SQL | Version Control: Git | GitHub

Course work: Data Structures and Algorithms | Database Management System | Operating System | Object Oriented Programming

Projects

ROBO-PLAYER | [Live Demo](#) | [Github](#)

- Developed a video player application using Reactjs and Material UI.
- Integrated Youtube API for video display on the webpage.
- Implemented lazyLoading to optimize initial page load resulting in a 10% improvement in rendering efficiency.
- Designed and optimized media queries for responsive design on all devices.
- Deployed the code in github and hosted the website using Netlify.
- **Advanced Skills:** HTML, CSS, Javascript, Reactjs. Material UI.

QUIZ-APP | [Live Demo](#) | [Github](#)

- Developed a ReactJs quiz app with a timed challenge for each question, imposing a 30-second limit using setTimeout and setInterval functions.
- Implemented a user friendly exit option, enabling players to quit the game at any point.
- Created a dynamic scoring system, promoting code reusability which enhanced code efficiency by 20%.
- Demonstrated problem-solving skills by effectively managing incorrect answers, gracefully concluding the quiz and providing users with their total earned prize money.
- Deployed the code in github and hosted the website using Netlify.
- **Advanced Skills:** HTML, CSS, JavaScript, Reactjs. Material UI.

Stroke Disease Prediction | [Github](#)

- Developed a system which can predict whether a person is suffering from stroke or not.
- Engineered a machine learning model that gives an accuracy of 95%.
- Implemented Logistic Regression algorithm which predicted correct result and gives an accuracy of 95%.
- Improved the system performance through rigorous Data Preprocessing and Feature Engineering, resulting in a 5% optimization of efficiency.
- **Advanced Skills:** HTML, CSS, Python, Flask, NumPy, Pandas, Matplotlib, Machine Learning.

Crop Recommendation System | [Github](#)

- Created and Designed a system which recommends the crop to the farmer on key soil and environmental parameters.
- Worked on different machine learning model and done accuracy comparison for finding the best among them.
- Implemented Naïve Bayes algorithm which predicted correct result and gives an accuracy of 99%.
- Architected the system through extensive Data Preprocessing and Feature Engineering through which achieved high accuracy and enhanced in increasing the efficiency by 8%.
- **Advanced Skills:** HTML, CSS, Python, Flask, NumPy, Pandas, Matplotlib, Machine Learning.

Certificates and Achievements

ReactJS Course from Udemy | [Certificate](#)

Introduction to Cyber Security from Cisco | [Certificate](#)

Solved More than **500 Data Structure Questions** on Leet code & GFG

Leadership Experience

Shikhar Club, Entrepreneurship Club | **Secretary** (Feb'2022– Feb'2023)

- Successfully served as Secretary for the Entrepreneurship Club, honing skills in **event organization, leadership, and Communication. Led and Managed** a team of **5 members** and **organized** a successful event on the second day of a 3-day event.
- Orchestrated a series of **impactful online and offline events**, fostering a collaborative environment for members and enhancing engagement within the entrepreneurial community.