

# Sachin KUMAR

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🌐 <https://github.com/SachinSingh8873>

## Education

### SRM Institute of Science and Technology

Master of Computer Application (MCA)

05/2023 – Present

Ghaziabad, India

### Ramdayalu Singh College

Batchelor of Computer Application (BCA)

05/2019 – 03/2023

Bihar, India

### Rameshwar College Muzaffarpur

12<sup>th</sup> (PCM)

05/2017 – 05/2019

Muzaffarpur, Bihar, India

## Skills

**Programming Languages:** Java, Basic C & C++, JavaScript, SQL, Python.

**Front-End Technologies:** HTML, CSS, JavaScript.

**Back-End Technologies:** Python, Java

**Technologies/Frameworks:** GitHub, Git, React.js, ASP.NET

**Developer Tools:** Visual Studio Code, IntelliJ, Pycharm.

**Non-Technical Skills:** Teamwork, Communication, Leadership

## Projects

### Password Generator

07/2024 – 08/2024

HTML, CSS, JavaScript

- Developed a basic Password Generator app allowing users to create strong, customizable passwords with options for length and character types.
- Implemented user-friendly interface with intuitive design for easy password customization and generation.
- Utilized JavaScript to integrate randomization logic ensuring password strength and complexity.
- Enabled password criteria selection including uppercase, lowercase, numbers, and special characters.
- Tested the app for cross-browser compatibility and responsiveness on various screen sizes.

### Crop Recommendation System

HTML, CSS, JavaScript, Python, ML

- Utilizes HTML CSS page for user interfaces.
- Developed a machine learning-based system to recommend the most suitable crop for cultivation based on soil conditions, weather, and other agricultural parameters.
- Leveraged a Kaggle dataset to train and test the model, ensuring high prediction accuracy.
- Implemented the project using Python, employing libraries such as Pandas, NumPy, Scikit-learn, and Matplotlib for data preprocessing, feature engineering, and visualization.
- Designed the system to assist farmers in optimizing yield and resource utilization.
- Offers a smooth user experience with fast load times and seamless page transitions.

## Certifications

Google AI-ML Internship (04/2024 - 07/2024)

## Experience

Brainly Subject Matter Expert (Math Expert) Work from Home

06/2022 – 12/2022

ASP.NET Developer in ICSI (MVC Based Project)

10/12/2024 - Present

## Languages

Hindi: Full Professional Proficiency

English: Med-Level Professional Proficiency

## Interests

Volleyball, Cricket, Social Interaction