

# SACHIN SAIN

Ghaziabad, UP

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## EDUCATION

**ABES Institute of Technology, Ghaziabad**

**2021 – 2025**

*B.Tech - Computer Science and Engineering - CGPA: 7.81*

*Ghaziabad, UP*

**Gagan Public School, Greater Noida**

**2019 – 2021**

*Intermediate (CBSE - PCM with Physical Education) - Percentage: 73%*

*Noida, UP*

## EXPERIENCE

**Intern, Cognifyz Technologies** 🔗

**July 2024 – August 2024**

*Web Developer*

*Remote*

- Developed and maintained dynamic web applications using HTML, CSS, JavaScript, and ReactJS, improving UI performance and interactivity..
- Engineered and optimized responsive designs with cross-browser compatibility, ensuring seamless user experience across multiple devices.
- Collaborated with cross-functional teams (UI/UX designers, backend developers) to troubleshoot, debug, and enhance web application performance, ensuring optimal efficiency.

## PROJECTS

**Real-Time Chat Application** 🔗 | Java, Swing(AWT), Networking

- **Engineered a real-time chat application** using **Java Swing** for a **dynamic user interface**, integrating **WebSockets** for seamless **bidirectional communication**.
- **Developed and deployed** a WebSocket server in Java EE, optimizing **client-server** communication and ensuring **low-latency message broadcasting**.
- **Designed an intuitive GUI** using **JTextArea**, **JTextField**, and **JButton**, improving **real-time user interaction** and chat functionality.

**Crop Diseases Detection System** 🔗 | Python, TensorFlow, Keras, Kaggle, Streamlit

- Developed a **CNN-based crop disease detection** system achieving **98% accuracy**, leveraging **deep learning** for **precise classification**.
- Implemented an **image-based disease identification pipeline**, enabling high-precision analysis of **plant leaf images**.
- Designed a **Python and Streamlit-powered** web application, providing an **intuitive interface** for **real-time disease diagnosis** via image uploads.

**Task-Tracker** 🔗 | JavaScript, HTML5, CSS

- **Created a To-Do application** using **HTML**, **CSS**, and **JavaScript** with local storage for **persistent task management**.
- **Designed an intuitive UI/UX** with features for task creation, deletion and real-time status updates, enhancing **user productivity and engagement**.

## TECHNICAL SKILLS

**Languages:** Java, C, Python (basics), JavaScript, SQL, NoSQL (basics)

**Developer Tools:** VS Code, git/github, IntelliJ Idea CE, PyCharm, MySql, Canva

**Technologies/Frameworks:** ReactJS, HTML5, CSS3, MongoDB, Tailwind CSS, Spring/SpringBoot (basics)

## COURSEWORK / SKILLS

- |                                |                                     |  |                   |
|--------------------------------|-------------------------------------|--|-------------------|
| • Operating Systems            | • Computer Networks                 | • OOPS Concept                               | • Web Development |
| • Data Structures & Algorithms | • Database Management System (DBMS) | • Artificial Intelligence & Machine Learning |                   |

## CERTIFICATIONS

- **Core Java Certificate (CRC)**
- **HackerRank SQL(Intermediate)**
- **NPTEL Online Certifications (3)**