

# Shikhar Pratap Singh

Roll No.: 2100320120156

Bachelor of Technology

Abes Engineering College, Ghaziabad

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🔗 <https://leetcode.com/cratesium/>

👤 <https://www.hackerrank.com/profile/csc2021b0121053>

🐙 <https://github.com/cratesium>

🌐 <https://www.linkedin.com/in/shikhar-pratap-singh-09a9b322a/>

## EDUCATION

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### •High School

2017-18

Karl Huber School, Noida

Percentage : 86.2

### •Intermediate

2019-20

Karl Huber School, Noida

Percentage : 71.2

### •Bachelor of Technology in Computer Science

2021-25

ABES Engineering College, Ghaziabad

CGPA: 7.9

## PROJECTS

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### •ABES Solutions

A project aimed at enhancing India's primary sector by providing farmers with centralized access to agricultural resources and information.

- Empowers farmers with vital resources like government schemes, soil analysis, and community development tools.
- Built with React and Spring Boot for efficient data management and user interaction.

### •Realtime Chat App

A HTML based web application which allow users to chat in real time.

- Frontend: HTML, CSS, JavaScript, Bootstrap
- Backend: Spring Boot simplifies setting up a backend server for handling user authentication, database interaction, and message routing.
- Firebase: Provides Cloud Firestore for storing chat data and Realtime Database for real-time updates, enabling instant message display.

### •Notepad

A Java Swing-based application providing a graphical user interface (GUI) for text editing and note-taking.

- Utilizes Java Swing for creating a user-friendly interface with features like text input and editing.
- Enables users to create, edit, and save text documents conveniently on their desktop.

### •Snake Game

The game is built using Java Swing, providing a simple graphical user interface (GUI) for the player to interact with.

- Classic Gameplay: Control a snake to eat apples and grow longer.
- Avoid Collisions: Navigate carefully to prevent collisions with walls or the snake itself.
- Objective: Grow the snake as long as possible while avoiding obstacles to achieve a high score.

## TECHNICAL SKILLS AND INTERESTS

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**Languages:** C++, JAVA Core, Javascript, HTML+CSS,Python (Basic)

**Libraries :** C++ STL, ReactJs

**Web Dev Tools:** Eclipse, VScode, Git, Github

**Frameworks:** ReactJs ,SpringBoot

**Cloud/Databases:**MongoDb, Oracle

**Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.

**Areas of Interest:** Web Design and Development ,Data Structure and Algorithms.

**Soft Skills:** Problem Solving, Self-learning, Presentation, Adaptability

## CERTIFICATIONS

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- **Data Structure and Backend With Java** Board Infinity
- **Introduction to Frontend** Meta
- **Problem Solving (Basic)** HackerRank
- **Problem Solving (Intermediate)** HackerRank
- **PCAP: Programming Essentials in Python** Cisco Networking Academy openEDG python institute
- **CPA: Programming Essentials in C++** OpenEDG C++
- **Python (Basic)** HackerRank

## POSITIONS OF RESPONSIBILITY

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- **ACM Core Member** ABES Engineering College
  - Helped to conduct many events inside the campus
- **Camp Coordinator** LDL
  - I volunteered as a teacher, imparting knowledge to those unable to afford formal education.