

# Ashish Singh

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## Summary

Enthusiastic and detail-oriented B.Tech Computer Science Engineering student (2022–2026) with strong expertise in Data Structures & Algorithms, Java, and full-stack development. Certified in Google Cloud Computing, GenAI, and Accenture Simulation, with proven problem-solving skills (TCS CodeVita Global Rank 2137). Experienced in developing scalable applications using Spring Boot, REST APIs, MongoDB, and React. Passionate about solving real-world challenges, building robust systems, and excelling in competitive tech environments

## Skills

Languages: Java, Python, C/C++, JavaScript  
Frameworks & Libraries: Spring Boot, Spring MVC, React, Bootstrap  
Databases: MongoDB, SQL  
Tools & Platforms: GitHub, Eclipse, IntelliJ, VS Code, Maven, Node.js, JUnit  
Core Competencies: Data Structures & Algorithms, RESTful APIs, Problem-Solving

## Certifications & Achievements

- TCS CodeVita Season 12 – Secured Global Rank 2137 among thousands of participants worldwide.
- Google Cloud Computing Foundation – Gained knowledge of compute, storage, networking, and application deployment on GCP.
- Accenture: Developer & Technology Job Simulation – Hands-on exposure to software development practices and client-focused problem-solving.
- GDSC GenAI – Google – Learned practical applications of Generative AI, including prompt engineering and model deployment.

## Projects

### Student Online Learning Platform

Tech: Spring Boot, REST APIs, MongoDB, React

- Designed and built an interactive platform with course creation, multimedia integration, quizzes, and certifications.
- Implemented REST APIs with Spring Boot and managed persistence with MongoDB.

### Math Quiz Application

Tech: Python, Tkinter

- Developed a Python Tkinter application for math quizzes with dynamic question generation and validation.
- Implemented scoring, result calculation, and GUI display to track user performance.

### Rock-Paper-Scissors Web Game

Tech: HTML, CSS, JavaScript

- Built a lightweight interactive web game with instant result display.
- Showcased ability to design responsive frontend applications.

## Education

### Bachelor of Technology, Computer Science Engineering

Institute of Technical Education & Research (ITER), Bhubaneswar, Odisha | 2022 – 2026

**Class XII** – V.V.S. Inter College | 2019 – 2021

**Class X** – V.V.S. Inter College | 2018 – 2019