

# Deepanshu Shah

My Portfolio

deepanshushah2002@gmail.com   linkedin.com/deepanshu-shah-   github.com/deepanshushah2002   Phone: +91 9312426029

## Education

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### R.D Engineering College

*Bachelor of Technology*

Ghaziabad, India

2021 – 2025

### Columbia Convent Institute

*Studied Physics, Chemistry, Mathematics, and Statistics*

Ghaziabad, India

2020 – 2021

### Shaheed Memorial Vidya Kendra

*Completed School Education*

Ghaziabad, India

2018 – 2019

## Projects

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### Calculator App

- **Description :** Developed a functional and user-friendly calculator app for Android using Kotlin. The app supports basic arithmetic operations including addition, subtraction, multiplication, and division.
- **Technologies Used :** Kotlin, Android SDK, XML for layout design
- **Achievements :** Achieved a fully functional calculator app with real-time calculation results.  
Enhanced understanding of Android development practices and Kotlin programming.  
Demonstrated ability to translate design requirements into a working application.

### Random Password Generator

- **Description:** Developed a Python-based Random Password Generator designed to create secure and complex passwords for enhanced security and privacy.
- **Key Features:** Generates passwords of varying lengths and complexities based on user preferences.  
Customizable settings for character types (e.g., uppercase, lowercase, digits, symbols).  
Ensures password strength by including diverse character sets.
- **Technologies Used:** Programming Language: Python  
Libraries/Modules: random, string  
Development Environment: VS Code, Eclipse, IntelliJ IDEA

### Number Guessing Game

- **Description:** Developed an interactive Number Guessing Game in Java that challenges users to guess a randomly generated number within a specified range. The game provides feedback and counts the number of attempts until the user successfully guesses the number.
- **Key Features:** Generates a random number within a defined range.  
Provides user feedback on guesses (e.g., too high, too low).  
Keeps track of the number of attempts and displays the result after the correct guess.  
Implements basic error handling to manage invalid inputs.
- **Technologies Used:** Programming Language: Java  
Libraries/Modules: Java Standard Library (e.g., java.util.Random for random number generation, java.util.Scanner for user input)  
Development Environment: VS Code, Eclipse, IntelliJ IDEA

## Technical Skills

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**Languages:** Java, JavaScript, Python, C, Kotlin, Web(HTML CSS JS)

**Developer Tools:** NodeJS, MongoDB, MySQL, ExpressJS, Postman, Git, ExpressJS, AWS(EC2)

## Work Experience

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- **Java Developer:** TechnoHack 10/2023
- **Python Developer:** Codesoft • 11/2023   Oasis Infobyte • 12/2023
- **Young IoT Prodigy:** Infosys | Springboard • 12/2023
- **Problem Solving (Basic):** HackerRank • 11/2023
- **Communication Skills:** TCS ion • 11/2023