Riya Sharma

# Education

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**JSS Academy Of Technical Education,Noida Dec 2020 – Aug 2024**

*Btech in ECE (GPA: 8.38/10.0) Noida,UP*

**Sanskar Public School, Mathura April 2020**

*Intermediate(percentage:91.2/100) Mathura,UP*

# Relevant Coursework

* Data Structures & Algorithms

# EXPERIENCE

* SQL
* DBMS
* Communication

Networks

* Operating System
* Object Oriented

Programming

**Kellton Tech. July 2023 – Sep 2023**

*Frontend Developer Intern Gurgaon*

* + Collaborated with the team to create responsive and visually appealing user interfaces, Demonstrated adaptability and a willingness to learn in a dynamic work environment.
  + Gained proficiency in HTML, CSS, JavaScript, and front-end frameworks.

# Projects

**CRYPTOFORGE** *| Java* **March 2023**

* + A Data Security project using three key security; Color Key, Key Values and Armstrong Number
  + Implemented Armstrong and Color Cryptography methods in Java to convert plain text into cipher text
  + Achieved enhanced data security through assymetric key cryptography techniques
  + Demonstrated problem-solving skills and algorithmic thinking in data security with cryptography.
  + GithubRepo: https://github.com/Riya8532/CryptoForge

**FITRAHO** *| HTML5, CSS, REACT* **December 2022**

* + This project aims to help individuals maintain an active lifestyle by offering a wide range of exercises, workout routines, and fitness tips.
  + It is a front-end project built using HTML, CSS, JAVASCRIPT to provide a comprehensive fitness resource for users.
  + GithubRepo: https://github.com/Riya8532/Fit Raho

**RSA Implementation Using FPGA** *| Verilog(Software),FPGA(Hardware)* **October 2023-Ongoing**

* + This is my final year ECE project that focusses on data security.
  + RSA Technique is used here for data security.
  + Efficient RSA Operations: The primary objective is to design, implement, and optimize RSA hardware components on an FPGA board.
  + Utilize the capabilities of an FPGA to accelerate the RSA algorithm by leveraging parallel processing and other hardware optimization techniques, thus making it suitable for applications requiring quick cryptographic processing.

# Technical Skills

**Languages**: Java, HTML, CSS, JavaScript, SQL **Developer Tools**: GitHub, VS Code, Eclipse **Frameworks**: React, Bootstrap

# Achievements

* + Institute Rank-52 out of 1100 geeks by geeksforgeeks
  + Leetcode Contest highest ranking 1340
  + WINNER(x2) of AKTU STATES SPORTSFEST 2021-22
  + WINNER(x2) of AKTU ZONALS SPORTSFEST 2022-23.
  + Open Source Contributor at GSSOC’22 and Hacktoberfest’22.