

# Samriddhi gupta

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## Professional Summary

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Driven by a passion for problem-solving, I bring expertise in Java, Python, SQL, Object-oriented programming and front-end web development. I am currently sharpening my skills in AI and ML to tackle complex challenges.

## Education

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**Bharati Vidyapeeth**, BTech in Computer Science July 2023 – Current

- GPA: 9.8/10

**M.G.D Girls' School**, High School April 2011 – 2023

- Percent : 93

## Experience

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**Technical Associate**, GeeksforGeeks, BVDU Nov 2024 – Current

- Developed and displayed projects on machine learning.

**Technical team member**, Bharatiyam Website, BVDU Feb 2025

- Designed department events, club events page and handled their front-end and back-end parts.

**Open-source contributor**, Hacktoberfest 2024 Oct 2024 – Nov 2024

- Contributed to various open-source projects.
- Upskilled in Git/GitHub.
- Conquered all required badges.

## Projects

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**Flappy Bird Game** [Link to project](#)

- Created a Java-based Flappy Bird clone with smooth animations, scoring system, and obstacle generation. The game implements classic Flappy Bird mechanics, allowing the player to control a bird character while navigating pipes.
- Tools Used: Java, Java Swing, and AWT

**Image Compression - ML model** [Link to project](#)

- Developed an unsupervised machine learning model based on K-means clustering to compress the image. It involves lossy compression.
- Tools Used: Python, Machine learning

**Digit-classification (Deep learning model)** [Link to project](#)

- Demonstrates how to load the MNIST dataset using TensorFlow, preprocess the data, and visualize some examples of the handwritten digits.
- Tools Used: Python, Keras, TensorFlow, Machine learning

## Achievements

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**Ninja Slayground 2.0 (Coding Ninjas)**- Conquered achievement badges for consistent 21 days of solving DSA questions.

**Postman Student Expert Certification** - Student expert in fundamentals of API

**Microsoft Learn Certification** - Certified in fundamentals of machine learning.