

SAATVIK SHASHANK SHRIVASTAVA

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EDUCATION

SRM Institute of Science and Technology, Chennai, India July 2023 — May 2027
BTECH Computer Science and Engineering with Specialization in Gaming Technology

PSBB Millennium School OMR, Chennai, India June 2011 — May 2023
12th Standard (Computer Science)

EXPERIENCE

Futurus India
Video Editor Dec 2023 - Apr 2024

- I was responsible for creating engaging and informative short-form videos related to finance. These videos were designed to capture attention and deliver valuable financial insights in an appealing manner.

Excelebrate India
Game Design Intern Jun 2023 – July 2023

- I completed a 4-week Game Designer Intern internship at Excelebrate with Illinois Institute of Technology, focusing on research, game mechanics, and creating a Game Design Document (GDD).

Excelebrate India
Cybersecurity Defence Hacker Intern Apr 2023 – May 2023

- I completed a 4-week Cyber Defense Analyst internship at Excelebrate with Illinois Institute of Technology, gaining hands-on experience with Wireshark, Nmap, and firewall management.

SRM MUN SOCIETY SRM, India
Design Member Sep 2024 - on going

- As a Design Team Member, I create stunning videos that capture events and moments, while also excelling in photography and videography to deliver visually compelling content.

PROJECTS

Drug Repurposing Using KGE

Project Link: https://github.com/SaatvikSS/Drug_Repurposing_Using_KGE

- Developed a cutting-edge Drug Repurposing platform using Knowledge Graph Embeddings (KGE) to analyze and identify potential new uses for existing drugs, leveraging advanced machine learning techniques to enhance pharmaceutical research.

N-Queen-Visualizer

Project Link: <https://github.com/SaatvikSS/N-Queen-Visualizer>

- This N Queen Visualizer project uses a backtracking algorithm to place queens on an N×N board and visualizes the process with Pygame.

Solar Sync App

- Developed Solar Sync, a solar energy optimization app that provides real-time efficiency insights and ROI analysis based on weather data and user inputs.

ChatBot using Gemini API

Project Link: <https://github.com/SaatvikSS/ChatBot-using-Gemini-API>

- Here's a chatbot I created that responds to your messages and provides information about any images you attach to it. It's built using the Gemini API.

SKILLS

- **Programming:** Python, C++, C, CSS, HTML, Javascript, Git, Github Actions, SQL.
- **Frameworks:** ReactJS, NextJS, Tkinter, NumPY, PYautoGUI, Django.
- **Applications:** VScode, Blender, Pycharm, Video Editing Applications.

AWARDS

- Winner of IET Smart City Challenge 5.0 Hackathon 2024.
- 2nd Runner Up of HACK SUMMIT 5.0.