

# SHASHI KANT

## ACADEMIC PROFILE

Degree/Certificate		Institution				Percentage/CGPA	Year
B-Tech		Electronic Engineering IIT (BHU), Varanasi				9.07	2024
Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	Sem VII	Sem VIII
9.24	8.82	9.00	9.23	-	-	-	-
CBSE (XII)		Sacred Heart School				90.20	2019
CBSE (X)		Sacred Heart School				95.00	2017

## SKILLS

**Languages :** C/C++, Python, HTML/CSS

**Tools and Frameworks :** Git and Github, React, VS Code, Google Colab

**Area of Interest :** Web Development, Competitive Programming, Data Structures and Algorithms, Machine Learning

## PROJECTS

### Profile Maker : A social media site using React

Dec'21 - Jan'22

- Built a social media site using React web framework with MongoDB database.
- It has feature where user can signup and signin.
- Separate tab for the admin where admin can see a list of all users on the site.
- It has a section of Weather, where it use Weather api to show weather of particular city.
- Deployed the website through Heroku. The deployed app [link](#).
- Exposure :** React, HTML, CSS, MongoDB, Bootstrap

### Real Time Sudoku Solver

March'22 - April'22

- Made a machine learning model that can solve 9X9 Sudoku Puzzle.
- Used OpenCV for real time image pre-processing using webcam for digit segmentation and added a feature to remove noise from the image before digit segmentation.
- Applied CNN-based model for recognizing each segmented digit from the given image. The model was trained and tested on Google Colab.
- Exposure:** OpenCV, Python, Keras, TensorFlow, CNN.

## POSITION OF RESPONSIBILITY

### Event Co-coordinator

March'22 - April'22

**Co-coordinator of External Affairs in Udyam'22 :** Worked with publicity team, and Mentored Campus Ambassador of participating Institutes, to increase participation and reach of UDYAM, an Annual Technical Fest organized by **Department of Electronic Engineering, IIT BHU**.

## HONOURS AND ACHIEVEMENTS

- Awarded as **Jagran Genius Award** for secured good score in 12th.
- Secured an official rank of **213** in Codechef Starters 39 2022(Div 4).

## EXTRA-CURRICULAR ACTIVITIES

- Completed **Code Jam Round 1**, a coding competition organized by **Google**
- Participated in **Hardwired**, a hardware-based event organized by Robotics Club, IIT BHU
- Completed **iMaze**, a Robotics Competition organized by Science and Technology Council of IIT BHU
- Completed **Phase 1: PyBullet of Robotics**, a Summer Camp organised by Robotics Club, Science and Technology Council of IIT BHU
- Actively participated in **Cassandra**, a Data Science competition organised by Electronic Department, IIT BHU
- Actively participated in **Spybits**, a cryptography based event in Udyam'22

**T:** 9369249385 **E:** shashi1729kant@gmail.com **Address:** Kabirabad, Muhammadabad Gohna, Mau, Uttar Pradesh, India