

Shubham Sharma

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EDUCATION

B.Tech in Information Technology

Government Engineering College Ajmer [↗](#)

07/2019 - Present

CGPA 8.7/10

PERSONAL PROJECTS

Sudoku Game & Solver [↗](#)

- Developed a UI to play the game of Sudoku using **pygame**
- Implemented a solver feature that uses the **backtracking algorithm** to find the solution of any solvable game

Pathfinding Visualizer [↗](#)

- Built **VanillaJS** application for visualizing pathfinding algorithm
- Implemented 9 different algorithm and co-developed unique pathfinding algorithm based on **A* Search** and **dijkstra's algorithm**

AI Learn to Play Flappy Bird [↗](#)

- Using neuroevolution of augmenting topologies trained an agent to play a clone of game Flappy Bird
- Programmed both the game environment and AI using **python**

Ecommerce website in Django [↗](#)

- Ecommerce website with all necessary features like add to cart, buy now, product description, etc.
- Integrated payment gateway with all popular payment methods like UPI, Debit card, Credit Card and Net banking

Blogging Website [↗](#)

- Blogging website for tech related content using **Django**
- Website is hosted online and followed by many tech lovers

WORK EXPERIENCE

Software Developer Engineer (SDE) Intern

Shopsky India [↗](#)

06/2020 - 12/2020

Achievements/Tasks

- Designing and Developing Carrer website for Shopsky using **Django**, **HTML**, **CSS**, **javascript** and **MySQL**.
- Designing Advanced search algorithm for product search.
- Creating **APIs** for mobile application using **PHP** and **MySQL**.

Web Developer (Freelance)

Freelancer

01/2020 - Present

Achievements/Tasks

- Developed a ecommerce website using and Django with payment gateway **third party API integration**.
- Frontend design of GYM website
- Website to view and remove Image **Exif data** using **Javascript**.
- Graph plotter and **visualizer** with **javascript** and **Python**.

SKILLS

Python

C++

MariaDB

C

Java

JavaScript

Website Development

Git

OOP

Django

React

Linux

Pygame

MySQL

Git

Data Structure

Algorithms

DevOps

Microsoft Azure

AWS

LAMP

Jupyter Notebook

Machine Learning

PROGRAMMING

Python



SQL



C++



Java



PHP



Dart



HTML & CSS



JavaScript

