



shashant kumar

Frontend Developer • Backend Developer • Fullstack Developer

Indian Institute of Technology (IIT) • 2025 Pass out



Projects

Conway's Game Of Life



- The Game of Life is played on an infinite two-dimensional rectangular grid of cells. Each cell can be either alive or dead. The status of each cell changes each turn of the game (also called a generation) depending on the statuses of that cell's eight neighbours. Neighbours of a cell are cells that touch that cell, either horizontal, vertical, or diagonal from that cell. The initial pattern is the first generation. The second generation evolves from applying the rules simultaneously to every cell on the game board, i.e. births and deaths happen simultaneously. Afterwards, the rules are iteratively applied to create future generations. For each generation of the game, a cell's status in the next generation is determined by a set of rules. These simple rules are as follows: 1.)If the cell is alive, then it stays alive if it has either 2 or 3 live neighbours. 2.)If the cell is dead, then it springs to life only in the case that it has three live neighbours. 3.)All other cells dead or alive would remain as it.
- It was developed using HTML,CSS, Javascript
- 1.) Ability to control speed 2) Can go to previous generation 3.)Can pause and resume

Skills Developed: HTML, CSS, Javascript

Tagline

Problem Solving | Competitive programming | DataStructure and Algorithm | Web Development

Skills

HTML | CSS | Javascript | React.js | NodeJs | MongoDB | ExpressJs | C/C++ | OOPs | Java

Education

Indian Institute of Technology (IIT), Indore
B.Tech, Electrical Engineering (EE) | 8.24 CGPA

2021 - 2025

Achievements/ Extracurricular Activities

- Got 2nd position in web development domain of IITIsoc'22 ,Annual Tech competition organised by programming club of IIT Indore
- Codeforce Rating 1116(max)
- Codechef Rating 1497