

BHUMIR PATEL

SOFTWARE DEVELOPER

| (865) 316-4371 | Bhumir2503@gmail.com | Bhumir.com

SKILLS

Data Structures Machine Learning & AI Dynamic Programming
Pytorch Web Development Responsive Design Linux
Android Development Data Analysis Advance Mathematics

EDUCATION

Associates of Science in Computer Science
Pellissippi State Technical Community College
December 2022

B.S. in Computer Science, Minor in Machine Learning and Mathematics
University of Tennessee, Knoxville
June 2025

PROGRAMMING PROJECTS

MAZE GENERATION & SOLVER

 <https://github.com/Bhumir2503/Maze-Gen-Solver>

Contributed to the creation of a user interface compatible with Linux and Windows platforms. Implemented Prim's Algorithm for maze generation, offering a variety of maze designs. Additionally, integrated Djikstra's, Depth First Search, and Breath First Search algorithms to provide effective maze-solving capabilities.

PERSONAL WEBSITE/RESUME

 <https://github.com/Bhumir2503/Website-Resume> | Bhumir.com

Independently designed and deployed a responsive website to showcase my resume, effectively demonstrating proficiency in HTML and CSS for page formatting and styling. Utilized CSS Flexbox and JavaScript to create a dynamic and interactive web experience, incorporating JavaScript actions triggered by user interactions.

SUDOKU GENERATOR & SOLVER

 <https://github.com/Bhumir2503/Sudoku>

Created an interactive and user-friendly Sudoku game with the ability to generate unique puzzles and solve them. Developed the graphical user interface using Pygame, providing an immersive gaming experience. Implemented algorithms for puzzle generation and solving, showcasing strong problem-solving and game development skills.

CERTIFICATE

- Google Data Analytics
- Data Analytics with Python
- Python for Data Science, AI & Development
- Google IT Automation with Python

PROGRAMMING

Python



C++



C#



JavaScript



HTML/CSS

