

# Uditya Patel

## Software Developer

Linkedin

<https://www.linkedin.com/in/udityapatel/>

Portfolio

<https://itzudii.github.io/portfolio/>

Github

<https://github.com/Itzudii>

## PROFILE • ABOUT ME

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To work in an environment which encourages me to succeed and grow professionally where I can utilize my skill and knowledge appropriately Seeking a beginner role to enhance and explore my technical knowledge gained at SAGE University Indore in the last three years. I hold a B. Tech degree from SAGE University and work on many projects.

## ABOUT MYSELF

I'm a passionate programmer who enjoys coding, especially when it involves solving logical problems and building creative solutions. I love learning new technologies and continuously expanding my skills. I have experience with Python libraries and frameworks like Flask, Pandas, NumPy, and Pygame, and have worked with NEAT for AI-based development. I'm good in Data Structures and Algorithms using Java and also have a working knowledge of JavaScript for web-based projects. My curiosity, logical thinking, and consistency help me take on new challenges confidently and effectively.

## EDUCATION

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### PCM, Higher Secondary

Jawahar Navodaya Vidyalaya

Central board of Secondary Education – Division I  
Indore, Madhya Pradesh

**Completed May 2021.**

### PCM, Senior Secondary

Jaison's Academy Higher Secondary School

Central Board of Secondary Education – Division I  
Indore, Madhya Pradesh

**Completed July 2023.**

### Graduation

**B.Tech in Computer Science & Engineering (2023 – Present)**

## ENGINEERING/TECHNOLOGY

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**Language:** Python, Java , JS. SQL (Basics)

## CONTACT INFO

### Phone

91-8109272488

### Email

[pateluditya2004@gmail.com](mailto:pateluditya2004@gmail.com)

### Location

Indore, Madhya Pradesh

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## TRAINING & CERTIFICATION

- Basic Python Certificate – HackerRank-get 5 star
- Basic Java Certificate – HackerRank-get 5 star
- Hands-on AWS Solutions Workshop – Certificate of Participation
- Functions in Python – Online Course by Great Learning
- Introduction to AI/ML – Certified by Google Cloud
- Basics of Python Programming – Infosys Springboard
- Research Paper Publication Certificate – JETIR (Stock Prediction Model using LSTM)
- Industrial Requirements & Basic Programming in Python – Expert Session Participation Certificate

# PROJECTS

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## Stock Prediction Model (LSTM)

Built a deep learning model using LSTM networks to predict stock price trends based on historical data.

®Published a research paper on this project in the domain of financial forecasting and AI.

<https://github.com/ltzudii/stock-pridiction-model>

## AI Game Player (NEAT + Pygame)

Trained an AI agent using the NEAT algorithm to play Flappy Bird. The neural network evolved without pre-defined logic, improving over generations.

<https://github.com/ltzudii/FlappyBirdBot-NEAT->

## JS-Based Game Development Library

Created a simple and lightweight JavaScript library for 2D game development using HTML5 Canvas.

© Filed for copyright protection for the source code and design of the library.

<https://github.com/ltzudii/JSnake-Lib> (private repo)

## Car Rental Website

Developed a full-stack car rental website with booking features, user authentication, and dynamic vehicle listings.(using FLASK).

<https://github.com/ltzudii/Car-Rental-Website-Flask-python>

## Website Builder (No Drag-and-Drop)

Built a GUI-based static website builder using interactive buttons and switches. Users can create page structures and style them without coding, showcasing strong HTML, CSS, and JavaScript skills.

<https://github.com/ltzudii/sitebuilder>

## Trip & Location Info Website

Designed a travel tool that integrates multiple APIs to provide maps, live routes, traffic updates, and historical information for any location

<https://github.com/ltzudii/TRIPYY>

# EXTRA CURRICULAR ACTIVITIES

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## Hackathon Experience

Participated in the national-level Smart India Hackathon. Collaborated in a team to brainstorm and propose a tech-based solution for a real-world problem statement. Gained experience in ideation, teamwork, and rapid problem-solving under time constraints.

Link: <https://github.com/ltzudii/Cleanbharat>

# DECLARATION

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I, **Uditya Patel**, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.

# SKILL

•Data Structures and Algorithms using Java and Python.

•Python for Data Analysis – Pandas & NumPy.

•Web Development with Flask (Python).

•Artificial Intelligence with NEAT (Neuro Evolution of Augmenting Topologies) is an evolutionary algorithm that creates artificial neural networks.

•2D Game Development by Pygame.

•JavaScript Fundamentals, interactive webpages, APIs.

# LANGUAGE

- Hindi
- English

# PERSONAL INFO

DOB

25/12/2004

gender

MALE

Nationality

Indian

Address

1172 Vishwas Nagar, Banjari, dist. Indore