



DEVANSH MATHUR

> **DEEP LEARNING AND MACHINE LEARNING ENGINEER**

> **PYTHON PROGRAMMER**

CONTACT

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EDUCATION

Bachelor of Technology in Computer Science
Manipal University Jaipur
2021-2025

SKILLS

- Python
- TensorFlow, Keras
- Reinforcement Learning
- C, C++, Java
- Hashcat (*Kali Linux*)
- Google Firebase
- MySQL, SQLite
- GNU Octave (*ML*)
- HTML, CSS, JS

ACHIEVEMENTS

- Codechef Rating - 1888 (★★★★★)
- Codewars Ranking - 3 kyu (Top 3.3%)
- 5 ★ in Python, 5 ★ in Problem Solving at HackerRank.
- Qualified for Round 1 of Google Code Jam (*4780th*) and participated in Google Kickstart (*4888th*) and Google Hash Code.

PUBLICATIONS

- **"A Deep Q Learning Approach to Autonomous Vehicle Decision Making"** IJSER 2023
This study examines the effectiveness of using Deep Q Learning with the use of a neural network to simulate driving scenarios. The results show that this approach exhibits remarkable adaptability to changing road conditions, enhancing safety and efficiency.

EXPERIENCE

Head of Information Technology and Data Analytics <i>IAESTE (International Association for the Exchange of Students for Technical Experience)</i>	2022-Present
Data Science And Business Analytics Intern <i>The Sparks Foundation</i>	Nov - Dec 2022
Machine Learning Intern <i>Suvidha Mahila Mandal</i>	Nov - Dec 2022
Artificial Intelligence Intern <i>CodeClause</i>	Feb - Mar 2023
Python Development Intern <i>CodeClause</i>	Feb - Mar 2023

PROJECTS

मनरक्षक

Provides resources and support for people for individuals seeking help with their mental health.
Web Development (HTML5, CSS, JavaScript)

Edlexic

Smart education to help dyslexic students.
Python (Tkinter, Text-to-Speech, smtplib, PIL)

Sicurezza

Provides safety for Indian women at night with live location tracker and SOS sender.
Python (PyQt5, Tkinter, gmplot, smtplib, pandas)