|  |  |
| --- | --- |
| ***EDUCATION*** | **Dhruv Deshmukh** +97150-859-8381 | dhruvdeshmukh1990@gmail.com |

**Dy Patil International University**   
Bachelor of Technology in Computer Engineering, 2023

***EXPERIENCE***

**Marketing for IT product | Epson:** Jun 2021 – Jul 2021

●Selling and marketing the printers for Epson.

**Executive Lead | Dy Patil International University:**

●Executive Lead for Lasux-v Club in the university.

●Club did code competitions and seminars.

***PROJECTS***

**ASIC design for S-DES Encryption/Decryption (Logisim)**  ● Chip design for s-des Algorithm using logic gates in Logisim.

**Sending Files Over Radio (Python, Radio Hardware)**   
 ● Binary of a file is sent over the radio using FM and decoded back to the file format after a parity check.

**Vehicle Theft Prediction ML (Python, Dash)**   
 ● Polynomial regression to predict Vehicle theft state-wise in India per year all displayed visually on a choropleth map of India.

**Heart Failure Prediction ML (Python, HTML, CSS)**   
 ● Predicts the likelihood of a person having heart failure in the future with a pleasing Html forum.

**Fire Evacuation System (ESP 32, Sensor)**   
 ● Electronic doors auto unlock when sensor detects fire.

**Blood Oxygen Levels to Unlock Doors (ESP 32, Sensor)**   
 ● Electronic door unlocks when blood oxygen level is above a certain percentage Indicating they are not sick.

***EXTRACURRICULARS***

● Team Member of UAE PARKOUR   
● DJ / Producer

***Technologies and Languages***

● Python, JavaScript, SQL, HTML, CSS, MATLAB   
● Flask, Sk-learn, NumPy, Pandas, Dash