# Gaurav Anand Boob

BE ENTC

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Github | LinkedIn

## EDUCATION

- **B.E ENTC**                                                                                   *2020 - 2024*

  *Pune Institute Of Computer Technology. CGPA : 9.09*                                              Pune, India

- **Class XII**                                                                                  *2018 - 2020*

  *St. Lawrence High School and Junior College : Percentage - 85.03%*                             Nashik, India

## EXPERIENCE

- **Frontend Intern at IEEE**                                                                  *May 2022 – May 2023*

  *IEEE*                                                                                          Pune, India

  – Enriched front-end development of the IEEE Pune Website, while actively engaging in versatile projects like AISYWLC and others.
  – Achieved a 40% acceleration in page load times and elevated user engagement through the creation of an exceptionally responsive and dynamic front-end using HTML/CSS. Implemented an SQL database strategy for streamlined data retrieval.

- **Data Science Intern**                                                                      *Sept 2022 – Nov 2022*

  *Vasundharaa Geo Technologies:*                                                                 Pune, India

  – Led advanced tech stack utilization, employing Computer Vision and Image Segmentation techniques (U-Net, Neural Networks) to achieve 87% accuracy in object detection, segmentation and recognition.
  – Drove innovation by strategically implementing diverse Deep Learning and Machine Learning algorithms, resulting in a remarkable 25% reduction in complex satellite image processing time during the internship.

## PROJECTS

- **Jigsaw Puzzle Solver**

  *Developed a jigsaw puzzle solver using advanced deep learning techniques and custom architecture.*     Live Url | Github
  *Trained the solver for accurate 6x6 puzzle piece permutation prediction and placement.Applied permutation learning concept.*

  – **Tools & technologies used**: Python, TensorFlow, Keras, OpenCV, Streamlit

- **Automatic Number Plate Reader**

  *Leveraged the OpenCV library to accurately detect and isolate license plate numbers, seamlessly storing them using SQL for efficient retrieval and analysis.*

  – **Tools & technologies used**: Python, TensorFlow, Keras, OpenCV

## TECHNICAL SKILLS

- **Programming:**   Java (Proficient), C++, Python
- **Data Science & Data Analysis :** ML Algorithms , Deep Learning , Computer Vision, Tableau
- **Libraries/Frameworks:** Pandas, Numpy, Scikit-learn, Streamlit, Matplotlib, Seaborn
- **Web Skills & Database:** HTML, CSS, Mysql

## ACHIEVEMENTS

- **Winner,** Datawiz Hackathon, CREDENZ'23, PICT IEEE Student Branch, PICT, Pune            *2023*
- **Content Writer,** Data Science Newsletter with over 100 subscribers substack@gaurav24    *2023*
- **Finalist,** MLWare: The Machine Learning Championship, Technex'23, IIT BHU, Varanasi      *2023*

## CERTIFICATIONS

- IBM Certified - PY0101EN: Python Basics for Data Science.
- Google - SYY33SLFF6GV: Share Data Through the Art of Visualization.
- Omdena : Open Source AI Project Contributor.

## HOBBIES

- Cricket, Music, Hiking/Treks, Badminton, Travelling