# Atharva Kalbhor

 +91 8857965200   atharvakalbhor16@gmail.com    linkedin/atharva-kalbhor    github/atharva-kalbhor

## Education

| | |
|---|---|
| **Marathwada Mitra Mandal's Institute of Technology,Pune** | Nov '22 - June '25 |
| *Bachelor of Engineering in Artificial Intelligence and Data Science (CGPA: 9.05 / 10)* | *Pune, Maharashtra* |
| **Government Polytechnic Pune** | Aug '19 - July '22 |
| *Diploma in Computer Engineering (Grade: 85.33%)* | *Pune, Maharashtra* |

## Experience

**IoTIoT.in**                                                                                   Aug '21 - Apr '22
*Machine Learning Project Intern*                                             *Pune, Maharashtra*

- Deployed a Web Application using Docker, Flask and Python to enable the system with scalability (portability) as well as easy with real-time computer vision frameworks.
- Worked on data collection and annotations to create large scale, high quality datasets invaluable for secure, high performing machine learning model.

**Linkcode Technologies**                                                        Mar '24 - June '24
*Java Full Stack Intern*                                                              *Pune, Maharashtra*

- Leveraged Data Structures and Algorithms, C, C++, Java, and MySQL to develop robust applications, demonstrating versatility in tackling diverse technical challenges.
- Utilized DSA principles, such as Arrays, Strings, Linked Lists and Graph algorithms, to optimize system performance and enhance algorithmic efficiency.

## Technical Skills

- **Programming Languages**: C/C++(Basic), Java, Python, JavaScript
- **Frameworks and Libraries**: HTML, CSS, Bootstrap, Node.js, Express.js, Flask, TensorFlow, MySQL, SQL, MongoDB, Servlet, ML Libraries
- **Tools**: VSCode, Eclipse, GitHub, Git, Google Colab, Jupyter Notebook
- **Concepts**: Operating System, Object Oriented Programming, Computer Networks, DSA, Database Management Systems, Artificial Intelligence, Machine Learning, Data Science, IoT, Cloud Computing, Software Engineering

## Projects

**MedWell - Transforming Healthcare with Tech** | *HTML, CSS, JavaScript, Node.js, MongoDB, Express.js*

- Created the first of its kind online e-hospital platform, MedWell. Chaired effort in building video call and ChatBot functionality to facilitate seamless patient-doctor interaction and medicine counseling.
- More than 35% increase in patient consultations solving the doctor-patient disparity problem by providing health care services to rural areas which are underprivileged of medical infrastructure.

**Online Recharge System** | *Java, JSP, Servlet, MySQL*

- Implemented a project utilizing JSP (Java Server Pages) and Servlet technologies within a collaborative team of 4.
- Directed the development of a user-centric web application, facilitating online recharges for 100's of users across various mobile phones and services.

**Weapon Detection System** | *Python, Flask, JavaScript, OpenCV, Yolo 3, SSD v1 v2*

- Designed a sophisticated Weapon Detection System using machine learning algorithms and computer vision techniques. Trained the system on a dataset of over 15,000 images, achieving high accuracy in recognizing and classifying weapons, thereby significantly enhancing security measures.
- Revised Python, Flask, JavaScript, OpenCV, YOLOv3, and SSD v1/v2 to develop and deploy a sophisticated Weapon Detection System with high accuracy in real-time recognition and classification of weapons.