

# Hrugved Kolhe

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## PROFESSIONAL EXPERIENCE

### 1. Data Analyst Intern

#### MyCaptain

📅 July 2021 – Dec 2021

- Developed a **Career Prediction model** that predicts the candidates' career based on their profile with **84+%** accuracy.
- This model is deployed on MyCaptain website and is used by **200+** students daily.
- Mentored **3 Students** in the project - Did Data Analysis, Data Processing before using the data to build the ML model.

Tools: Python, R Programming, SQL, ML Algorithms, HTML-CSS, JavaScript, Git.

### 2. Research Intern

#### Dental AI

📅 Nov 2020 – June 2021

- Collected and annotated a set of medical image data using **SuperAnnotate** tool and these images were fed to the classification model.
- Improved the Performance of model by **80%** by writing clean and efficient code with best libraries and frameworks.

Tools: SuperAnnotate, Microsoft Azure, Python, ML Algorithms, Computer Vision, Git.

### 3. Student Researcher

#### CoE AI/ML lab - GHRCE

📅 Nov 2019 – Present

- Guided **more than 50 students** Learn ML in Python, ML Algorithms and helped in starting with writing a Research Paper.
- Published **3 Research Papers** in reputed conferences and these papers are published in Springer, SCI, SCOPUS Journals.

### 4. Artificial Intelligence Lead

#### E-Cell

📅 July 2020 – June 2021

- Organized and executed major **AI based entrepreneurship events**.

Events: Global Entrepreneurship Summit, DataStartup, etc.

## EDUCATION

B.Tech **Artificial Intelligence** - G.H. Rasoni College of Engineering, Nagpur

2019-2023 CGPA: 8.80

Class 12 - Shiv Amrut Jr. College

2019 Percentage :81

Class 10 - Shri Sharda English Medium School

2017 Percentage :92

## SKILLS

- **Programming Languages:** Python, C++ , SQL, HTML, JavaScript, CSS, C.
- **Skills:** Data Structures and Algorithms, Machine Learning, Data Analysis, Web Development, Computer Vision.
- **Frameworks:** Tensorflow, Keras, Scikit-Learn, Azure, GCP.
- **DB language:** SQL.
- **Tools :** Git, Salesforce, Azure, AWS, Google Analytics, Streamlit, VScode.
- **Platform Links:** [GitHub](#), [Salesforce](#).

## PROJECTS

- **Crop Disease Detection App** using **ML, Ionic-Capacitor and API :**  
App-Based solution to identify & solve disease in Crops. [Live Link](#)
- **Career Guidance Web App** using **ML, Streamlit and API :**  
Career Path Prediction System Based on Users' Profile. [Live Link](#)
- **Med-Rover** model using **Reinforcement ML, HTML, CSS & JS :**  
Created a ML model for Medicine Drone Delivery in Hilly Terrain regions. [Live Link](#)
- **OPG Image Analysis** using **SuperAnnotate and API :**  
Model which detects the fault in the teeth and applies bounding box on the same.
- All **Artificial Intelligence (AI)** and **Computer Science (CS)** related Projects - [Github](#).

## ACHIEVEMENTS

- Selected at **National Level** in **Smart India Hackathon 2022**.
- **Best Open Source Contributor** at DevIncept 2021
- **10 +** successful pull requests at **Girl Script Winter of Code**
- Published **3 Research papers** in reputed conferences/Journals viz. **Springer, Scopus**.
- Earned **Problem Solving** Certificate from **Hacker Rank**.
- Selected for a Machine Learning **Nanodegree program** by **AWS** in Leaders for Tomorrow.
- A **Millennium Fellow** at United Nations Academic Impact and MCN.