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' careers based on their profiles with **84+%** accuracy.
   - Introduced the model to the the VP of MyCaptain and has the potential to be used by **200+** students daily.
   - Mentored **3 Students** in the project - Performed 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 the 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 to write a research paper.
   - Published **3 Research Papers** in reputed conferences and these papers are published in Springer, SCI, and SCOPUS journals.

4. ### Artificial Intelligence Lead
   E-Cell

   📅 July 2020 – June 2021

   - Organized & executed 3 major **AI-based entrepreneurship events.**

   Events: Global Entrepreneurship Summit, DataStartup, etc.

EDUCATION

B.Tech **Artificial Intelligence** - G.H. Raisoni College of Engineering, Nagpur
2019-2023   CGPA: 8.80

Class 12 - Shiv Amrut Jr. College
2019   Percentage: 71

Class 10 - Shri Sharda English Medium School
2017   Percentage: 92

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' profiles. **Live Link**
- **Med-Rover** model with **Reinforcement ML, HTML, CSS & JS:** Created a ML model for Medicine Drone Delivery in Hilly Terrain. **Live Link**
- **OPG Image Analysis** using **SuperAnnotate and API:** Model which detects the fault in the teeth and applies the bounding box on the same.
- All **Artificial Intelligence (AI)** and **Computer Science (CS)** projects from **2019** to **2022** : **Github**.

SKILLS

- **Programming Languages**: Python, C++, HTML, CSS, C.
- **Skills**: Data Structures and Algorithms, Machine Learning, Data Analysis, Open Source, Computer Vision, Linux, Tableau.
- **Frameworks**: Tensorflow, Keras, Scikit-Learn.
- **DB language**: SQL.
- **Developer Tools:** Git, Azure, Streamlit, VScode, MySQL, Excel.
- **Platform Links**: GitHub, Salesforce, GCP.

ACHIEVEMENTS

- Secured **#1** position at **National Level** in **Smart India Hackathon 2022**.
- Merged **10 +** successful pull requests at **Girl Script Winter of Code**
- Announced **3 Research papers** in major conferences/journals viz. **Springer, Scopus**.
- Earned **3-star** Problem Solving Certificate from **Hacker Rank**.
- Selected for **AWS** Machine Learning **Nanodegree program** among nearly **1000** students.
- **Best Open Source Contributor** at DevIncept Contribution Program 2021.
- A **Millennium Fellow** at United Nations Academic Impact and MCN.