

# Rahul Alone

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## EDUCATION

<b>G H Raison Institute of Engineering and Technology , Nagpur</b> B.tech in Artificial Intelligence	2020-24 GPA: 3
<b>Saraswati Junior Collage, Chandrapur , Chandrapur</b> H.S.C	2019-20 GPA: 2
<b>ST. Michael English School, Chandrapur , Chandrapur</b> S.S.C	2018-19 GPA: 3

## PROFESSIONAL EXPERIENCE

<b>Suvidha Foundation - Nagpur</b> Designer	Feb'22-mar'22
<ul style="list-style-type: none"><li>• I have created a brochure for this foundation to spread awareness about its mission and initiatives.</li><li>• Highlight the opportunity for interns to work on real projects, gaining hands-on experience in media relations, event planning, content creation, and more.</li><li>• Gain practical experience under expert guidance, preparing you for a successful career in public relations and related fields.</li></ul>	

## PROJECTS

<b>Geographic information system (GIS) Project (Industrial project)</b>	09/2023
<ul style="list-style-type: none"><li>• Developed a GIS Web application enabling users to mark their current location and desired destination on a map.</li><li>• Utilized GIS algorithms to calculate and display the shortest path between the specified points, optimizing route efficiency.</li><li>• Enhanced user experience and navigation by integrating GIS functionality, aiding in efficient travel and route planning.</li></ul>	
<b>Road Lane Detection</b>	12/2022
<ul style="list-style-type: none"><li>• Developed a model capable of detecting lanes on the road for self-driving vehicles.</li><li>• Utilized the 'Hough Transform' algorithm to accurately detect and delineate the lane markings.</li><li>• Enhanced the model's accuracy and efficiency in identifying and tracking lanes, crucial for safe autonomous driving.</li></ul>	
<b>Face Detection Classifier</b>	05/2022
<ul style="list-style-type: none"><li>• Developed a face recognition model that accurately distinguishes between distinct faces.</li><li>• Implemented a system to search for and identify consistent facial data within a database of training images.</li><li>• Improved the face recognition model's efficiency and accuracy in recognizing and differentiating between various individuals.</li></ul>	

## SKILLS

**Technical** : Java, Python, HTML, CSS, JavaScript  
**Machine Learning** : Computer vision, CNN, NLP, NLTK,  
**Cloud Computing** : Amazon Web Service (AWS)  
**Database** : MySQL ,PHP, Postgress  
**Data Science** : Matplotlib, Scikit-Learn  
**Developer Tools** : VS code, GitHub, QGIS, Goggle Colab, Jupiter Notebook

## ACHIEVEMENTS

- Achieved proficiency in Python programming through an intensive Udemy course, mastering the fundamentals and advanced concepts of Python 3.
- Successfully delved into the realm of machine learning using R programming language and RStudio, gaining the expertise to develop machine learning models and solutions.
- Attained proficiency in utilizing Adobe Photoshop, a powerful tool for graphic design and image editing, enabling creative and visually appealing design projects.
- Demonstrated strong knowledge and aptitude in the field of science by participating and excelling in the National Science Olympiad, showcasing a passion for scientific exploration and understanding.
- Engaged with the National Intellectual Property Awareness Mission, showcasing a keen interest in understanding and promoting the importance of intellectual property rights and innovations.