# RAKSHITHA D R

**AI and Web Developer**

@ rakshureddy1308@gmail.com  📞 9902728437  📍 Bengaluru, Karnataka - India  in rakshitha reddy

## EXPERIENCE

### Research Intern - National Taiwan University of Science and Technology, Taiwan

**Computer Science, AI and Financial Intelligence program**

📅 February 2024 – June 2024  📍 Taipei, Taiwan

- Undertook comprehensive training in Artificial Intelligence, focusing on Text Mining, development and refinement of deep learning models.
- Specialized in Human Action Recognition, working with both sensor data and video data to improve model accuracy and performance.
- Assisted master's students in an IoT project, contributing to their research under their guidance.

### React Developer

**Netguruze**

📅 March 2024 - August 2024  📍 Remote

- Developed and maintained multiple React applications, ensuring responsive design and optimal performance.
- Collaborated with cross-functional teams to define, design, and ship new features.
- Actively participated in Agile development processes, including sprint planning and daily stand-ups.

## ACHIEVEMENTS

- President - Quantum Minds(Quantum Computing Club), Presidency University
- Slogan Winner - Awarded for crafting an impactful and memorable slogan that represented the vision of the Presidency Launchpad.
- Theme Based Short Film Contest - Third Prize, Scriptwriter and team leader for a prize-winning short film.

## TECHNICAL SKILLS

- Programming Languages: Python, C, JavaScript, R
- Web Development: React, HTML, CSS, MySQL
- Tools: Matlab, FIGMA(Designing), UiPath (RPA)
- AI/ML Techniques: Supervised/Unsupervised Learning, Classification, Regression, Natural Language Processing (NLP), Computer Vision, Machine Learning Techniques, Deep Learning Techniques

## HOBBIES

- Drawing
- Video gaming
- Playing Badminton
- Listening to Music.

## EDUCATION

### B.Tech. (CSE - AI and ML) - 7.8 CGPA

**Presidency University**

📅 August, 2020 – July, 2024

### Higher Secondary - 87.66%

**MES Prof.B.R.Subba Rao PU College**

📅 2020

### Secondary - 95.04%

**Bharath English High School**

📅 2018

## PROJECTS

### Integrated Crop Protection Management

- I have developed an integrated deep learning model for simultaneous plant disease and pest detection, offering farmers a powerful tool for timely and accurate crop protection decisions. This software tool enhances agricultural productivity and promotes sustainable farming practices.

### Pneumonia Recognization

- Developed and trained a deep learning model to accurately detect Pneumonia from X-Ray images, resulting in a 95% success rate in diagnosing the infection, thus improving patient outcomes.

### Bad-Coach: Badminton Assessment using Deep Learning

- Implemented deep learning algorithms to classify strokes and predict performance in badminton using sensor data and images. The model employs a data-driven approach to provide accurate and insightful assessments of players' skills and techniques.
- For more details, click here for GitHub

## PUBLICATIONS

### IEEE INOCON 2024

- Integrated Crop Protection Management

## CERTIFICATIONS

- Getting Started with Enterprise-Grade AI -IBM
- Elements of AI -MinnaLearn - University of Helsinki (Online)
- Real Life Machine Learning and Data Science Projects -Udemy (Online)
- Full Stack Development -IIT,Kanpur (Offline)
- Semiconductor Fabrication 101 -Purdue University (Online)