

# LOHIT KOLLURI

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## EXPERIENCE

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### Artificial Intelligence Intern.

June 2023 – Present

Edunet Foundation

- Developed a fully functional Mental Health Fitness Tracker ML model using Python and scikit-learn.
- Implemented 12 types of regression algorithms to achieve precise results in analyzing and predicting mental fitness levels from over 150 countries.
- Cleaned, preprocessed, and engineered features to enhance the model's predictive capabilities.
- Optimized the model's performance by fine-tuning model parameters and implementing ensemble methods, resulting in an impressive accuracy percentage of 98.50%.

## EDUCATION

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### SRM University

August 2022 – Present

Computer Science Engineering

3<sup>rd</sup> Semester

- Developed strong programming skills in Python and C languages during the first semester of the B.Tech program at SRM University.
- Through various programming assignments and projects, I have gained proficiency in problem-solving techniques and algorithmic thinking.
- Analyzed problems, designed efficient solutions, and implemented them using structured programming concepts.
- Collaborated with peers on team-based projects and contributed to successful project outcomes.

## PROJECTS

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### 1. [Portfolio Website](#)

- This website uses Vite.js, Three.js, HTML, CSS, and React to showcase my work experience, skills, and provide an option to download my resume.

### 2. [Mental Health Fitness Tracker](#)

- Analyzes and predicts mental fitness levels of individuals with different mental disorders from countries. It uses regression techniques to provide insights and predictions based on available data.

### 3. [WeatherPedia](#)

- WeatherPedia is a simple web application that allows users to check the current weather information for a specific city. It retrieves weather data using the Weather API provided by API Ninjas.

### 4. [PayloadMaster](#)

- PayloadMaster is a script that allows you to create various types of payloads and listeners for different operating systems. It leverages Metasploit Framework's msfvenom and msfconsole to generate and handle the payloads.

## SKILLS

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- Technical Skills:

1. Programming Languages: C++, C, Python
2. Object-Oriented Programming (OOP)
3. React.js
4. Deep Learning Fundamentals
5. Natural Language Processing (NLP)
6. Network Security Principles
7. HTML and CSS
8. Vulnerability Assessment and Penetration Testing (VAPT)

- Soft Skills:

1. Multilingual Speaker
2. Collaboration and Teamwork
3. Leadership Experience
4. Adaptability
5. Flexibility

## CERTIFICATES

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1. [Fundamentals of Deep Learning](#)
2. [Building Transformer-Based Natural Language Processing Applications](#)
3. [Penetration Testing, Incident Response and Forensics](#)
4. [Network Security & Database Vulnerabilities](#)
5. [Cyber Threat Intelligence](#)
6. [Cybersecurity Compliance Framework & System Administration](#)
7. [IBM Cybersecurity Analyst Specialization](#)
8. [Applications of Machine learning in Urban Studies](#)

## LANGUAGES

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|------------|----------------------------------|
| 1. English | Professional working proficiency |
| 2. Hindi   | Elementary proficiency           |
| 3. Telugu  | Elementary proficiency           |
| 4. Marathi | Limited working proficiency      |
| 5. German  | Limited working proficiency      |