

# Lohit Kolluri

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🌐 <https://lohitkolluri.netlify.app>

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## PROFESSIONAL SUMMARY

Results-driven and highly motivated Artificial Intelligence intern with a passion for leveraging technology to drive innovation. Currently in the second year of college and interning at Edunet Foundation. Proficient in a range of skills including Machine Learning, Cybersecurity, and working with hardware and embedded systems. Accomplished courses on Building Transformer-Based Natural Language Processing Applications and Fundamentals of Deep Learning by Nvidia, as well as earned a Cybersecurity Analyst Professional certificate by IBM on Coursera. Apply theoretical knowledge to real-world projects with a goal-oriented approach. Eager to contribute to the success of a dynamic organization in the field of artificial intelligence.

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## EDUCATION

### BTECH: COMPUTER SCIENCE ENGINEERING

SRM Institute of Science and Technology, Kattankulathur, Chennai

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## EXPERIENCE

### ARTIFICIAL INTELLIGENCE INTERN

Jun 2023 - present | Edunet Foundation

- Developed a fully functional Mental Health Fitness Tracker ML model using Python and scikit-learn.
- Utilized 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 hyperparameters and implementing ensemble methods, resulting in an impressive accuracy percentage of 98.50%.

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## PROJECTS

### PORTFOLIO WEBSITE

1. Designed and developed a visually appealing and responsive Portfolio Website using Vite.js, HTML, CSS, and JavaScript.
2. Implemented responsive design techniques and CSS styling to ensure an optimal viewing experience across various devices and screen sizes.
3. Incorporated dynamic routing and a modular component structure for easy navigation and maintenance of the website.
4. Leveraged Vite.js to expedite development and optimize build processes, resulting in efficient development and high website performance.

**Project Link:** <https://github.com/lohitkolluri/Portfolio-Website>

**Website:** [lohitkolluri.netlify.app/](https://lohitkolluri.netlify.app/)

### WEATHERPEDIA

1. Developed the "WeatherPedia" web application using HTML, CSS, and JavaScript, providing real-time weather information and forecasts to users.

2. Integrated the RapidAPI platform and employed the "weather-by-api-ninjas" API to fetch accurate and up-to-date weather data for desired locations.
3. Designed a user-friendly interface with a navigation bar linking to GitHub, LinkedIn, and a portfolio website in the index.html file.
4. Implemented dynamic UI updates through JavaScript's fetch function, extracting and displaying retrieved weather information in a visually appealing manner.

**Project Link:** <https://github.com/lohitkolluri/WeatherPedia>

**Website:** [lohit-weatherpedia.netlify.app/](https://lohit-weatherpedia.netlify.app/)

### **MENTAL HEALTH FITNESS TRACKER**

1. Developed the Mental Health Fitness Tracker project to analyze and predict mental fitness levels of individuals with different mental disorders from various countries.
2. Applied regression techniques and statistical analysis to gain insights into mental health and make predictions based on collected data.
3. Designed a data-driven approach to understand the factors influencing mental fitness levels and developed predictive models for forecasting.
4. Created visualizations and reports to present findings, enhancing understanding and awareness of mental health through data-driven approaches.

**Project Link:** [https://github.com/lohitkolluri/mental\\_health\\_fitness\\_tracker](https://github.com/lohitkolluri/mental_health_fitness_tracker)

### **TERMINAL-THEMED PORTFOLIO WEBSITE**

1. Created a Terminal-themed Portfolio Website that presents skills, projects, and information in a nostalgic command-line interface (CLI) style.
2. Implemented command execution functionality and command history feature for user interaction and navigation.
3. Developed dynamic content sections based on executed commands, such as "About Me," "Social Networks," and "Projects."
4. Integrated external links and animated cursor within the terminal interface, enhancing interactivity and providing seamless access to additional resources.

**Project Link:** <https://github.com/lohitkolluri/Old-Portfolio-Website>

**Website:** [lohitkolluri-old.netlify.app/](https://lohitkolluri-old.netlify.app/)

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## **CERTIFICATIONS**

### **APPLICATIONS OF MACHINE LEARNING IN URBAN STUDIES BY IIRS, ISRO**

<https://certificate.iirs.gov.in/checkstatus.php?uid=f3a58d04984aab040b5ee243e0f4a71b&enm=20231181883103>

### **HTML & CSS - CERTIFICATION COURSE FOR BEGINNERS ON UDEMY**

<https://www.udemy.com/certificate/UC-906720da-88c3-48a9-9e43-db04909e8afa/>

### **BUILDING TRANSFORMER-BASED NATURAL LANGUAGE PROCESSING APPLICATIONS BY NVIDIA**

<https://courses.nvidia.com/certificates/58abf5cd80114b9084b4f63a0b3a055a/>

### **FUNDAMENTALS OF DEEP LEARNING BY NVIDIA**

<https://courses.nvidia.com/certificates/147228daa49c42d0a919670d7e29e56e/>

### **IBM CYBERSECURITY ANALYST SPECIALIZATION**

<https://www.coursera.org/account/accomplishments/specialization/certificate/4RZZG2ZZAEK3>

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## SKILLS

MACHINE LEARNING   NATURAL LANGUAGE PROCESSING (NLP)   CYBERSECURITY   ETHICAL HACKING  
PENETRATION TESTING   NETWORK SECURITY   HTML & CSS   PYTHON PROGRAMMING LANGUAGE  
C++ PROGRAMMING LANGUAGE   C PROGRAMMING LANGUAGE