Chaganti Surya Prakash Satvik

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# Education

**Swami Vivekananda Institute Of Technology** Hyderabad

*B.tech in CSE (Artificial Intelligence & Machine Learning)*  *2021 - 2025*

# Experience

**Microsoft (via Edunet Foundation & AICTE), Foundations of AI** Apr 10- May 10 (2025)

*Virtual Intern*

* Successfully completed a comprehensive 4-week virtual internship on "Foundations of AI," a Microsoft initiative.
* Acquired foundational knowledge and practical understanding of core Artificial Intelligence principles and concepts.
* Participated in a collaborative program implemented by Edunet Foundation and recognized by the All India Council for Technical Education (AICTE).

# Projects

* **Pay Scale Pro** [Link](https://github.com/lokiloufison/SalaryPrediction)

*A Python application for automated salary prediction using machine learning.*

## This project is designed to develop a comprehensive end-to-end web platform that predicts salaries based on user input and relevant features. Built entirely in Python, the application leverages advanced machine learning algorithms to analyze data and generate accurate salary estimates. The solution streamlines the prediction process, providing users with personalized insights and real-time results to support better career and compensation decisions.

## Stress Scan [Link](https://github.com/lokiloufison/StressDetectionProject)

*A Python application for automated stress level detection using machine learning.*

## This project is designed to develop a comprehensive end-to-end web platform that analyzes user data to detect and predict stress levels. Built entirely in Python, the application leverages advanced machine learning models to process inputs and deliver accurate stress assessments. The solution automates the detection process and provides users with real-time insights, supporting proactive mental health management and well-being.

## EngiResources [Link](https://github.com/lokiloufison/EngiResources)

*A web application for centralized engineering resource management and access.*

This project is designed to develop a comprehensive end-to-end web platform that serves as a centralized hub for engineering resources, learning materials, and reference content. Built using HTML, CSS, and JavaScript, the application offers an intuitive and responsive interface for easy navigation and quick access to curated engineering content. The solution streamlines resource discovery and enhances productivity for engineering students and professionals.

* **GemWorth Predictor** [Link](https://github.com/lokiloufison/Diamond-Price-Prediction)

*A Python application for automated diamond price estimation using machine learning.*

## This project delivers a robust application that predicts diamond prices by leveraging advanced machine learning algorithms. Developed entirely in Python, the application utilizes a labeled dataset from Kaggle, training regression models to estimate the price of diamonds based on their physical attributes such as carat, cut, color, clarity, and dimensions. The solution automates price prediction, providing users with accurate and data-driven insights to support informed decision-making in diamond valuation and trading.

## Wanderlust Tourist Application [Link](https://lokiloufison.github.io/tour/)

*A web application for streamlined tour and travel information access and management.*

This project is designed to develop a user-friendly end-to-end web platform that provides comprehensive information about tours and travel destinations. Built using HTML and CSS, the application offers an intuitive and visually appealing interface for browsing and managing tour details. The solution simplifies travel planning and enhances the user experience by presenting essential information in an organized and accessible manner.

* **CP Fitness Tracker**

*Fitness Tracker Web Application*

This project is designed to develop a comprehensive end-to-end web platform that enables users to log meals, track macro-nutrient intake, and manage workout schedules, thereby streamlining the process of tracking fitness progress and goals. Built using Java Servlets, JSP, JDBC (MySQL), HTML, CSS, and JavaScript, the application provides personalized analytics and real-time updates, ensuring a reliable and intuitive user experience for efficient health and fitness management.

# Technical Skills

**Courses**: Machine Learning, Deep Learning, NLP, OOP, DBMS.

**Languages**: C, Java, Python, HTML, CSS, JavaScript.

**Frameworks**: Servlets, JSP.

**CI/CD Tools**: Git, VS Code.

**Databases**: Mongo DB, MySql.