Om Trigun

Portfolio
Github Profile

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Computer Science Engineering undergraduate with a strong foundation in web development (JavaScript, HTML, CSS, React) and a deep understanding of Object-Oriented Programming and Data Structures & Algorithms. Ready to contribute immediately.

EDUCATION

Kalinga Institute of Industrial Technology, **Bhubaneshwar**, India
B.Tech. - Computer Science Engineering; GPA: 9.22 *Aug 2020 - Aug 2024*

SKILLS SUMMARY

- **Languages**: JavaScript, HTML, CSS, SQL
- **Frameworks**: ReactJS, NodeJS
- **Tools**: GIT, GitHub, Visual Studio Code
- **Soft Skills**: Leadership, Event Management, Writing, Public Speaking

EXPERIENCE

- **HighRadius** Remote
  (Product Development Intern) *May 2023 - July 2023*
  - **Build an AI Enabled FinTech B2B Invoice Management System Integrated with ML, React and JDBC Servlets:** Build a Machine Learning Model to predict the payment date of an invoice when it gets created in the system.
  - **Machine Learning Model to predict the payment date of an invoice when it gets created in the system:** A Receivables Dashboard to visualize data in the form of grids.
  - **Tech Used:** Machine Learning (Pandas, Numpy, Matplotlib, Scikit-learn), ReactJS, Java, JDBC, MySQL.

- **AICTE & Ministry of Housing and Urban Affairs** Remote
  (Virtual Internship) *March 2023 - Sept 2023*
  - Participated in a virtual internship on Machine Learning and Artificial Intelligence offered by AICTE. Explored various aspects of these cutting-edge technologies and gained practical experience through hands-on projects and assignments.
  - Moreover, the program featured hands-on projects and assignments focused on Data Engineering, utilizing AWS and supported by AICTE.

PROJECTS

- **Movie Recommendation System**:
  - This project focuses on developing a movie recommendation system using collaborative filtering and content-based filtering, leveraging diverse datasets including movie reviews, metadata, and sentiment analysis.
  - The implementation involves backend development in a Python virtual environment using Flask and incorporates AJAX requests for efficient data exchange between the client and server, aiming to optimize user experience on online video-streaming platforms.
  - **Tech:** Machine Learning, JavaScript, HTML, CSS, Python
- **ToDo Web Application**:
  - This is a web based application that enables users to make to-do lists.
  - Backed with a minimal yet user friendly UI.
  - **Tech:** JavaScript, HTML, CSS
- **Crop Recommendation System**:
  - The Crop Recommendation System provides farmers with data-driven insights for optimal crop selection.
  - The app's backend is based on Flask, featuring robust routing, request handling, and integration with a machine learning model for crop prediction.
  - **Tech:** Machine Learning, JavaScript, HTML, CSS, Python

CERTIFICATIONS

- AWS Academy Graduate - AWS Academy Cloud Foundations
- AWS Academy Graduate - AWS Academy Machine Learning Foundations
- AWS Academy Graduate - AWS Academy Data Engineering
- Supervised Machine Learning: Regression and Classification (Coursera)
- Hackerrank - Problem Solving (Basic and Intermediate)