

OTOORUBABA

Full-Stack Web Developer

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Linkedin | GitHub

Summary

I am a Full-Stack Web Developer with a passion for engaging in projects that harness the power of AI and web technologies. My background includes a Bachelor's degree in Computer Science, during which I've developed skills in various programming languages and frameworks. I take pride in my achievements in competitive coding and have strong problem-solving abilities, showcased by my participation in events such as Codethon. Always eager to learn and expand my expertise further.

Education

KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION Computer Science Bachelors CGPA: 8.3	June/2021 - May/2025
SRI CHAITANYA JUNIOR COLLEGE MPC Intermediate Percentage: 89%	June/2019 - March/2021
RAVI THEZA EM HIGH SCHOOL India Degree in SSC GPA: 10.0	June/2015 - April/2019

Experience

TATA	Jan 2025- Present
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Project Title: GenAI-Powered Data Analytics Job Simulation

- The GenAI-Powered Data Analytics Job Simulation project is designed to replicate a real-world data analytics work environment using generative AI technologies. It provides users—especially students, early-career professionals, or job seekers—with a hands-on, interactive simulation that mimics the tasks, challenges, tools, and decision-making involved in a typical data analytics role.
- The goal is to bridge the gap between theoretical knowledge and practical experience by offering a virtual workspace where participants can practice analyzing data, generating insights, and communicating findings, all while being guided or evaluated by AI.

Tools & Technologies Used:

- Programming: Python, SQL
- Visualization: Tableau, Power BI, Matplotlib, Seaborn
- GenAI: ChatGPT, LangChain, or custom LLM APIs
- Platform: Web-based interface or LMS integration
- Datasets: Publicly available or simulated business datasets

Skills

Programming Languages:	Java, Python, JavaScript, HTML5, CSS3
Libraries/Frameworks:	Spring Framework, React.js, Bootstrap, Hibernate
Tools / Platforms:	Git & GitHub, Postman, Swagger, IntelliJ IDEA
Databases:	MySQL, MongoDB

Brain Tumor Detection with CNN using Deep Learning | [Link](#)

Python, CV2, TensorFlow, Keras

- The aim of this research is to develop a computer-aided diagnostic tool for brain tumor classification utilizing a Convolutional Neural Network (CNN) model.
- The method encompasses preprocessing of MRI images, feature extraction via the CNN, and subsequent categorization of tumors into four types: glioma, meningioma, pituitary adenoma, or healthy brain tissue.

Medicinal plant Identification using Deep Learning | [Link](#)

Python, Streamlit, TensorFlow, RealtimeDatasets

- The aim of this Design and implement a convolutional neural network (CNN) architecture capable of accurately classifying various medicinal plant species based on high-resolution leaf images.
- Develop a user-friendly website and App where users can upload leaf images to receive identification results and information about the medicinal properties of the plant.

bike-sharing-analysis | [Link](#)

Python, Linear Regression, Streamlit

- This project focuses on predicting the profit of bike sharing services using machine learning techniques. The primary motivation is to assist bike traders in making data-driven decisions that enhance profitability. The dataset used for this study was sourced from Kaggle and underwent preprocessing using Python libraries such as NumPy and Pandas.
- The model implemented is based on Ordinary Least Squares (OLS) regression, a commonly used linear regression technique. The goal is to build an accurate and reliable model that can effectively forecast bike sharing profits, ultimately supporting better business planning and operational efficiency.

AI-Shopping-Assistant-Chat-bot | [Link](#) Python, JavaScript, HTML, CSS, TensorFlow, PyTorch, Llama3.1

- The literature underscores the potential of AI technologies, especially NLP, ML, and RL, in transforming e-commerce through intelligent shopping assistants. While the integration of these technologies offers significant advantages in personalization, efficiency, and user engagement, challenges related to bias, fairness, and security

Certifications

Linear Regression with using Numpy - Coursera Oracle

Cloud Infrastructure - Oracle

Honors & Awards

Codethon Event: Awarded 4th place in the Codethon event.

CodeChef: Won a 1-year Pro account on CodeChef.