BHARGAV AKKENI

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GitHub | HackerRank | Salesforce

OBJECTIVE

Results-oriented and motivated individual with a passion for tackling real-life complex problems and creating innovative solutions. Seeking opportunities to contribute to a dynamic and collaborative environment where creative problem-solving, intellectual design, and impactful product delivery are valued.

EDUCATION

Sir C R Reddy College of Engineering — Jawaharlal Nehru Technological University, Kakinada
Computer Science and Engineering B.Tech — 2019 - 2023
CGPA: 7.27

Tulasi Murari Jr College — Board of Intermediate Education, A.P
MPC Intermediate — 2016 - 2018
Percentage: 96.2%

Ravindra Bharathi School — Board of Secondary Education, A.P
Degree in SSC — 2015 - 2016
GPA: 9.2

SKILLS

Programming Languages:	Python, Java
Frameworks/ Libraries:	Django, Django Rest, Pandas, NumPy
Databases:	MySQL, PostgreSQL, MongoDB
Web Technologies:	JavaScript, HTML, CSS, Node.js, React.js
Tools / Platforms:	Docker, VSCode, Git, PostMan

PROJECTS / OPEN-SOURCE

House Price Prediction using Machine Learning | Link *Python, Pandas, Scikit-Learn*

This project uses Pandas and NumPy for data manipulation, Matplotlib and Seaborn for visualization, and scikit-learn for machine learning tasks. It includes data preprocessing with StandardScaler, data splitting for training and testing, and implements linear regression. The R-squared score assesses model performance, and the script allows predicting housing prices based on user input. The coefficients of the linear regression model are presented in a DataFrame for analysis.

Stress Detection using Machine Learning | Link *Python, Pandas, NumPy, Matplotlib, streamlit*

Stress level prediction project using machine learning. It involves data loading, preprocessing, exploratory data analysis, and model training using logistic regression, support vector machines, and random forest classifiers. The serialized model enables stress level predictions based on input data, providing a practical tool for stress assessment.

App Tracker Pro | Link *Python Django, JavaScript, Rest API*

AppTrackerPro is a Django-based web app for streamlined task and app tracking. Its user-friendly interface, RESTful API, and admin dashboard simplify user tasks and monitor downloads. User profiles and secure authentication enhance the user experience. Developed using Django, Django Rest Framework, HTML, CSS, and JavaScript, the app follows modular design, normalized database schema, and version control best practices. Deployment on railway.app via GitHub repositories ensures efficiency and automatic updates.

OMS Web App | Link *Django, ReactJS, RestAPI, PostgreSQL, Docker*

Developed an efficient Order Management System (OMS) web app using Django. The feature-rich OMS page includes essential functionalities such as login, registration, and password reset. Seamlessly interacting with a PostgreSQL database, it provides forms for managing order records in a tabular format. To enhance versatility, I integrated a Django Rest Framework API for external access to order data. Docker is used to create an image for this project. ReactJS for front-end development ensured an engaging user interface, while the Rest API facilitated smooth data exchange between the front-end and Django backend. This comprehensive tech stack guarantees the robustness and optimal performance of the OMS web application.

CERTIFICATIONS

- HackerRank Software Engineer Certification
  Earned a HackerRank Software Engineer Certification by successfully completing an assessment involving topics in problem-solving, SQL, and REST API.
- Python And Django Framework For Beginners Complete Course - Udemy.
- HTML, CSS, & JavaScript - Certification Course for Beginners - Udemy.

HONORS & AWARDS

- *Code Kaze Merit Certificate*
  Earned a CodeKaze Merit Certificate for exceptional performance in an online coding event conducted by Coding Ninjas. -Achieved Graduation Year Rank [All India]: 1088 and National Rank: 1594.
- *Hacker Rank Proficiency*
  Attained 5-star Gold Badges in Python, Java, and SQL, showcasing strong coding and problem-solving skills. Successfully completed the "30 Days of Code" challenge, emphasizing a commitment to continuous learning and coding proficiency.