

SAI NIKHIL P

Hyderabad, T.S., India

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Sai Nikhil

GitHub

Summary

B.Tech graduate in Data Science and AI with expertise in Python, SQL, and data analysis. Passionate about solving real-world problems through data-driven insights. Seeking an entry-level role to apply my skills and grow in a dynamic environment.

Technical Skills

Languages: Python, SQL, C++

Frameworks: TensorFlow, PyTorch, OpenCV

Developer Tools: Power BI, Tableau, MS Excel, Visual Studio, JupyterLab

Experience

Unified Mentor

July 2024 – September 2024

Data Science Intern

Remote

- Conducted data cleaning, transformation, and manipulation to ensure data accuracy and consistency.
- Analyzed structured and unstructured data to extract meaningful insights and trends.
- Developed interactive dashboards and visualizations using Power BI and Python to communicate findings effectively.
- Applied statistical techniques and data preprocessing methods to enhance data quality.
- Assisted in generating reports and presentations to support data-driven decision-making.

Boaz Agri Analytics Pvt Ltd

Nov 2023 – June 2024

Business Analyst

Raipur, CG

- Designed over 20 informative posters for the agritech department, featured across the company's social media platforms, increasing agricultural awareness and online engagement by 15 percent.
- Collaborated with R and D to gather agricultural commodity data and conducted user surveys, supporting B2B marketing strategies and client management.
- Enhanced onboarding by 30 percent and reduced support queries by 25 percent through tech documentation, while improving project tracking by 20 percent with interactive dashboards.

Lemonoids - Digital Marketing

July 2022 – Dec 2022

Digital Marketing Intern

Hyderabad, TS

- Assisted in executing digital marketing campaigns, increasing brand visibility by 30 percent and boosting online engagement by 25 percent.
- Conducted keyword research and optimized website content for SEO, resulting in a 40 percent improvement in search engine rankings and a 35 percent increase in organic traffic within three months.
- Optimized digital marketing using Google Analytics, boosting campaign effectiveness by 20 percent, conversions by 15 percent, engagement by 25 percent, and lead generation by 20 percent.

Projects

Heart Disease Detection

February 2023 – June 2023

- Conducted a comparative analysis of machine learning algorithms for heart disease detection using patient data.
- Evaluated models including SVM, Naïve Bayes, KNN, Random Forest, Voting Classifier, Gradient Boosting, Logistic Regression, Decision Tree, and Neural Network Classifier.
- Assessed model performance based on accuracy, precision, recall, F1-score, and AUC-ROC to enhance heart disease diagnosis and treatment.

Detection of Drowsiness in Drivers

February 2022 – May 2022

- Developed a Driver Drowsiness Detection system using OpenCV and Dlib, implementing Eye Aspect Ratio (EAR) and facial landmark detection to identify fatigue in real-time.
- Implemented an alert mechanism using Python to warn drowsy drivers, improving road safety through image processing and machine learning techniques.

Education and Certification

ICFAI Foundation For Higher Education

Hyderabad

Bachelor of Technology in Data Science and Artificial Intelligence; CGPA: 6.56/10

2019 – 2023

Certification (all links are clickable): PwC Switzerland Power BI Job Simulation, Empowering Business with Effective Insights Job Simulation, Data Science Intern