

# SAI NIKHIL P

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## 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