NISARGA R

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Professional Summary

- Proficient Frontend Developer with hands-on experience in HTML, CSS, JavaScript, and frameworks like React.js and Node.js, focused on building responsive and interactive web applications.
- Strong ability to convert UI/UX designs into high-quality, cross-browser compatible code with performance optimization and mobile-first design principles.
- Collaborative team player with experience in agile environments, version control (Git), and integration with RESTful APIs.

Technical Skills

Programming Languages: Python, Javascript, C, HTML, CSS
Libraries: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, NLTK
Data Visualization Tools: Power BI, Tableau, Google Data Studio (Looker Studio), Excel
Databases: SQL, MongoDB
Soft Skills: Communication, Collaboration, Problem Solving, Critical Thinking, Data Storytelling

Experience

AI/Machine Learning Intern | LINK   *Sep 2024 – May 2025*
Rooman Technologies (WIINNR Internship), Bengaluru

- Build a predictive churn model using Python and IBM Cloud, increasing prediction accuracy to 85%
- Leveraged data preprocessing, feature selection, and evaluation techniques with Scikit-learn and IBM Watson AI, reducing false positives by 10%

Deep Dive into Python Libraries with Application Projects   *Oct 2022 – Dec 2022*
Aqmenz Automation Pvt.Ltd. | LINK

- Gained hands-on experience with essential Python libraries like NumPy, Pandas, Matplotlib, and Seaborn. Worked on real-time projects demonstrating data manipulation, analysis, and visualization techniques.
- Strengthened foundational programming skills including OOP, functions, file handling, and exception management in Python. Improved coding practices and collaborative development skills in a professional environment.

Projects

Water potability prediction using machine learning   *Python, Numpy, Skit-learn*

- Developed a supervised machine learning model to predict water potability using key physicochemical features (e.g., pH, hardness, solids), achieving over 97% accuracy through model tuning and cross-validation.
- Implemented data preprocessing techniques such as handling missing values, normalization, and feature selection to enhance model performance and interpretability.

Canteen Management System   *JavaScript, PHP, MySQL*

- Designed and developed a Canteen Management System to streamline food ordering, billing, and inventory tracking, improving operational efficiency and reducing manual errors.
- Implemented user authentication, real-time order processing, and dynamic menu management using enhancing the overall user experience.

Education

Cambridge Institute of Technology   *Nov 2021 - May 2025*
B.E in Computer Science and Engineering   CGPA: 8.0/ 10