KORUMILLI ARAVIND KUMAR

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Objective

Passionate Python and front-end developer skilled in Pandas, NumPy, Matplotlib, HTML, CSS, and JavaScript, with expertise in building ARIMA models for time-series forecasting and interactive web applications. Eager to create innovative, data-driven solutions and user-friendly interfaces to solve real-world problems. Committed to collaborating with dynamic teams to optimize processes, enhance user experiences, and drive business growth in a fast-paced, technology-driven environment.

Skills

- **Programming Languages**: Python, HTML, CSS, JavaScript
- **Databases**: MySQL
- **Tools**: GitHub, Visual Studio Code
- **Libraries/Frameworks**: Pandas, NumPy, Matplotlib, Tkinter, SMTP

Front-End Projects

- **Tic-Tac-Toe Game, Clock, Calculator, 2048 Game**: Built using HTML, CSS, and JavaScript
- **Online Learning Platform**: Built using HTML, CSS, JavaScript, and Python

Projects

- **ATM Simulator**: Developed two versions: (1) Python-based using Tkinter with SMTP for email notifications, enabling virtual currency withdrawal and transaction history; (2) Web-based using HTML, CSS, JavaScript, and SMTP for email functionality, simulating ATM features with multi-currency support.
- **Supermarket Application**: Developed a Python-based application using Tkinter for a user-friendly interface to browse product categories, place orders, and opt for pay-on-delivery. Integrated SMTP for order confirmation emails. Utilized modular coding for readability and maintainability.
- **Weather Forecasting Prediction (Team)**: Built a machine learning model using Python libraries to predict weather conditions and suggest daily activities based on forecasts.

Education

Bachelor of Computer Science and Engineering	2021–2025
Raghu Institute of Technology, Dakamarri, Vizag	
Percentage: 79.68%	
Intermediate	2019–2021
Tirumala, Katheru	
Percentage: 90.2%	
SSC	2018–2019
Tirumala, Katheru	
Percentage: 90.25%	

Certifications

- Machine Learning and AI using Python, Skill Dwire
- Cloud Computing, AWS Academy
- Internet of Things, NPTEL (78%)

Volunteer Experience

- **World Space Week 2023**: Volunteered for quiz invigilation and answer sheet correction.

Strengths

- Effective communication, quick learner, innovative thinking, strong problem-solving

Languages

- Telugu, English