

KORUMILLI ARAVIND KUMAR

+91 9640903709 | aravind.korumilli@gmail.com | [Portfolio](#) | [GitHub](#)

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: 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, Raghu Institute of Technology, Dakamarri, Vizag 2021–2025
Percentage: 79.68%
- Intermediate, Tirumala, Katheru 2019–2021
Percentage: 90.2%
- SSC, Tirumala, Katheru 2018–2019
Percentage: 90.25%

Certifications

- Machine Learning and AI using Python, Skill Dzure
- 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