

K PRIYADARSHINI

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SUMMARY

Data Analyst & Full Stack Developer with expertise in Python, SQL, JavaScript, React, Flask/FastAPI, MongoDB, Tableau, Power BI, and mobile/web application development. Skilled in building scalable applications, performing data analysis, integrating AI/ML solutions, and delivering actionable business insights.

EDUCATION

B.E, CSE-Data Science

Graduating September 2027

Moodlakatte institute of technology,
Kundapura, Udupi

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, Dart

Frameworks/Library: NumPy, Pandas, Matplotlib, TensorFlow (AI/ML), FastAPI, React.js

Tools & Technologies: MongoDB, Firebase, Docker, Git, Agile, Node.js

PROFESSIONAL EXPERIENCE

IBM Z Datathon 2025 | Carbon Footprint Reduction Dashboard

October 2025

- Built a **full-stack web application** with a **React.js frontend** and **Python backend**
- an **interactive Carbon Footprint Dashboard** to visualize emission data, trends and patterns for decision-making.
- Analyzed carbon emission data and transformed it into **interactive visual insights** using **Chart.js**
- Implemented **MongoDB** for scalable data storage and **real-time data access**.
- Delivered **actionable, data-driven insights** to support carbon reduction and sustainability initiatives.

Tech Stack: React.js, Chart.js, Python, MongoDB, REST APIs

Hackotsava 2025 | Karmic Solutions - Canteen Management System

November 2025

- Built a meal management web app with secure login, daily menus, and automated meal confirmation.
- Designed an **admin dashboard** for reporting, menu planning, and analytics.
- Reduced food wastage and operational costs through **automation and data-driven insights**.

ACADEMIC PROJECTS

Unique Recipes – Food Discovery Mobile Application

September 2025 – October 2025

AI-driven Healthy Recipes Web Application

- Developed an **AI-enabled recipe recommendation system** delivering **healthy, natural-ingredient recipes** with **calorie and nutritional insights**.
- Integrated **Fast API** for backend processing and **Firebase** for authentication, real-time database, and cloud data management.
- Designed intelligent logic to provide **personalized and healthy recipe recommendations** based on user preferences.

OCR Food Safety Scanner App (Flutter, Google ML Kit, Firebase)

November 2025 _ December 2025

- Developed a **Flutter-based mobile application** that scans packaged food labels using **OCR (Optical Character Recognition)**.
- Extracted and displayed **nutritional values, expiry dates, and food safety details** to improve consumer awareness.
- Used Google ML Kit for text recognition and Firebase for scalable backend support.
- Implemented **real-time data processing and validation** to ensure reliable and user-friendly results.

Tech Stack: Flutter, Google ML Kit (OCR), Firebase

CERTIFICATIONS/ACHIEVEMENTS

- **Achieved HackerRank certification for SQL (Basic to Advance).**
- **Achieved TATA forage certificate for GenAI powered data analytics job**
- **Participated in IBM Z Datathon (2025) and received a certificate for successfully completing the challenge.**