Dadapeer

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Summary

Motivated B.C.A. undergraduate with strong skills in programming, algorithms, and software development. Experienced in Python, Java, C, SQL, HTML, CSS, and JavaScript, with hands-on IoT and web development work. Passionate about problem-solving, debugging, and building efficient real-world applications using OOP and Git/GitHub.

Education

Bengaluru North University, The National Degree College — Bengaluru, Bagepalli
Bachelor of Computer Applications (BCA) — *Aug 2023 – May 2026*

Technical Skills

Programming Languages: C, Java, Python, JavaScript, SQL, HTML/CSS

Hardware/IoT: Arduino, Microcontroller-based Systems

Libraries/Frameworks: pandas, NumPy, Matplotlib

Developer Tools: Git, GitHub, VS Code, Jupyter Notebook

Concepts: Data Structures & Algorithms, Database Management Systems

Projects

RFID-Based Smart Gas Leakage Detection System — Microcontroller + IoT — June 2025
- Built a real-time gas leak detection system using MQ sensors and Arduino.
- Used RFID for secure access and servo motor for auto valve control.
- Added buzzer and LCD for alerts and live gas level display.
- GitHub: Project Link

RFID-Based Milk Dispenser System — Embedded + IoT — Aug 2025
- Developed an RFID-controlled milk dispenser with preset milk quantity per card.
- Displayed live milk output on LCD for accurate monitoring.
- Aimed to automate dairy distribution and track usage efficiently.
- Future scope: integrate cloud-based data and billing system.

Certificates

AI — Sep 2025 — Introduction
Scaler — Sep 2025 — AWS (Cloud Computing)
GIGA Skill — Nov 2023 — Advanced Excel and Power BI
UniAthena — Sep 2025 — Basics of Data Visualization

Languages

- English
- Telugu
- Hindi
- Kannada
- Urdu

Professional Skills

- Design and Analysis of Algorithms
- Real-Time Problem Solving
- Team Collaboration