

Nanda Kumar P N

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SUMMARY

I'm a passionate and dedicated BCA student with strong programming skills in Python, Java, and C++, along with a solid understanding of core computer science subjects. I've developed a good grasp of Data Structures and Algorithms, and I'm confident working with databases like MySQL and understanding DBMS concepts. I've also built hands-on projects using microcontroller programming and Arduino, which have given me practical experience in hardware-software integration. Additionally, I have a working knowledge of web technologies including HTML, CSS, and JavaScript, enabling me to build interactive and responsive web pages. I enjoy solving problems and continuously learning new tools to build efficient, real-world solutions.

EXPERIENCE

- Engineered an automatic milk dispenser leveraging microcontroller programming, addressing operational challenges in dairy farming by minimizing manual intervention and mitigating server health risks and social bias.
- Engineered an automatic milk dispenser utilizing microcontroller programming to address health risks and social challenges faced by dairy farm workers, enhancing automation and safety standards within the industry.
- Designed an automatic milk dispenser incorporating advanced microcontroller technology, optimizing workflow efficiency and reducing manual labor in dairy operations to promote safer, more equitable working conditions.

PROJECT

Automatic milk Dispenser

creotechspace • March 2025 - July 2025

- Engineered an automatic milk dispenser leveraging microcontroller programming, addressing operational challenges in dairy farming by minimizing manual intervention and mitigating server health risks and social bias.
- Engineered an automatic milk dispenser utilizing microcontroller programming to address health risks and social challenges faced by dairy farm workers, enhancing automation and safety standards within the industry.
- Designed an automatic milk dispenser incorporating advanced microcontroller technology, optimizing workflow efficiency and reducing manual labor in dairy operations to promote safer, more equitable working conditions.
- Devised an automatic milk dispenser system powered by cutting-edge microcontroller architecture, fostering enhanced operational reliability and streamlining dairy handling processes to support safer and more inclusive work environments.

EDUCATION

BCA

Minor in datascience with python • Bangaluru North University • in bangaluru • 2026 • 9.54

• And i also have good communication skills ,i am fast leaner ,i also have the good leadership skills

CERTIFICATIONS

microcontrolling programming,power bi and advance excel

creotechspace • 2025

COURSEWORK

Machine learning application using python

Bengaluru North University • 2025

SKILLS

programming languages: python, R, java, ardiono, sql, c and c++

web technologies: HTML , CSS,java Script

tools: git, git hub,Advance excel, power BI

embaded programming languages:microcontroll programming

Additional skills like : data base management system,data structure and algorithms,and also the advance algorithms