Melwin wilson arenjeri

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Objective: Currently studying in 2 nd semester MCA, learning programming in java and python tosolve my daily problems, also brainstorming new ideas for a new projectidea.

Skills: The art of problem solving is embedded into my life, its a daily quest for the brain and my well-being. Designing new concepts and implementing the prototypes. Understanding my peer ideas, teamwork works with the right people and using Linux as a daily operating system was a sweet decision of mine.

Experience: Self software and hardware projects   *08/08/21 to present*
Coded a daily remainder application, which gives the probability ofhaving a bad or a good day.
Self coded a home automation IOT device and successfully implemented in to my home, running 22x7.

A duplex chat application   11/09/21 to 23/09/21

The homebrew encryption based in RSA and my own geological and time based seeding, hence a secure point based identifier, making it more secure.

Organized a workshop   13/06/23
A workshop on the basic building blocks of programming.Called ***"ANYBODY CAN CODE"***

For my mini project in B.Sc , made a wireless AC current detector using adarlington pair.

For my final project in B.Sc, which is a called ***"Fish monitoring and reportingusing AI/ML",*** *which uses a training of a fish model from scratch and implementing a embedded solution for the water changing and feeding.*

Also got a patent published for my project: Patent Application Published, Application Number- **202441060175**, Journal Number- 33/2024, Journal Date: 16/08/2024 -Indian Patent Office.
"BEHAVIOUR-DRIVEN NITRATE REGULATION SYSTEM FOR HOME AQUATIC ENVIRONMENTS"

*Telegram Bot for automated fish feeding
Uses a Linux SBC (raspberry pie).
Python
Systemd service and service monitoring.

Education: B.Sc (graduated) P.C.Jabins
Science college ,vidyanagar,Hubli-23.

Software skillsets: python , C (basic), Java (learning), Linux, Docker.

Links: https://github.com/Quaker69

https://linkedin.com/in/melwin-wilson-2534712ab

References: Submitted upon request