Nithin Jaikar J

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EDUCATION

VIDYAVARDHAKA COLLEGE OF ENGINEERING
ELECTRICAL ENGINEERING | 8.1/10
Expected AUG 2022
Mysuru, Karnataka, IN

GOVT. CPC POLYTECHNIC MYSURU
ELECTRICAL ENGINEERING | 75.0%
MAY 2016-MAY 2019
Mysuru, Karnataka, IN

ANIKETHANA H S MANDYA.
SECONDARY EDUCATION | 87.04%
MAR 2016 MAR 2014
Mandya, Karnataka, IN

COURSEWORK

SOFTWARE
Object Oriented Programming
Linux System Internals *(C,BASH)*
ICS/OT & HARDWARE Cyber Security
Debugging Linux Kernel in Deep

(learnt from open source platforms, blogs, vidoes)

HARDWARE
Microcontroller Design/Interfacing Digital Computer
Design & Prototyping Electrical Control System & Design.

SKILLS

PROGRAMMING
Experienced:
Python • C
 Familiar:
BASH • Lua • Ruby • Verilog • networks
Fairly Known:
 HTML/JavaScript/Json/ML/DL

TOOLS/APPLICATIONS
Visual Studio • Eclipse • MATLAB• labview

OPERATING SYSTEMS
• Windows
• Linux -kali | fedora | redhat | ubuntu

LINKS

Github: github.com/nithin-jaikar
linkedin:linkedin.com/in/nithin-jaikar-j-b429961a3
Twitter:https://twitter.com/j_jaikar

EXPERIENCE

EVEREADY INDUSTRIES | ENGINEERING AND DESIGN INTERN DEC 2019-JAN 2020 | Maddur, Karnataka, IN
• Sorted industry's stores, developed QR codes to identify part and maintain them • Audited the flow of compressed air all over the factory.
• Audited the energy flow and made necessary changes in faulty parts. • learnt process flow of automated machines

ELECTRONO SOLUTION | ENGINEERING AND -DESIGN INTERN APR 2020- JUN 2020 | Maddur, Karnataka, IN
• Designed a solar and wind emulator as a result of learning from course work (hardware).
 • Designed manual for the emulator that I designed.

VOLUNTEER EXPERIENCE

OPEN SOURCE COMMUNITY | OSL VVCE
• Co- ordinator, Mentor in Open Source Lab where I collaborate, learn & practice open source activities • Mentoring on IoT, OS, System Internal

PROJECTS

WIRELESS DIFFERENTIAL PROTECTION
• Project is completed with PIC uC & RF transmitters and receivers • differential protection was achieved wirelessly.

HOME AUTOMATION | USING TELEGRAM API
• Project is completed with raspberry pi running a NodeJs API (server) • interactive bot which was giving control for known users.(*improvements done in different projects*)

DORKING | AUTOMATION DEVICES
• Tool that finds IP of the Automation devices over the internet using google dorking technique.

PASSWORD PREDICTOR | ML | In-Progress
• Project that predicts the password wordlist based on given data points of victim

DIGITAL FINGERPRINTING| ML | In-Progress
• Project that scans the pattern of user password typing for ensuring digital safety