Ujwal N K

Student @ PES University

A budding explorer. With an open eye & mind towards all special things in nature, technical stuff mankind has created. I keep exploring & thinking about the motive behind such wonderful things & what inspired to create

in ujwalnk

⬤ ujwalnk

Education

Electrical & Electronics (Major) / PES 2023

Computer Science (Minors) / PES 2023

Harvard Mange Mentor / 2023-24

Centre for Innovation & Entrepreneurship

CIE Level 1 - Getting Started with Entrepreneurship / PES 2022

CIE Level 2 - Building a Lean Start-Up / PES 2023

Deeksha PU / 2019-2021

Rashtrotthana Vidya Kendra

Tech Stack Explored

	Beginner			Industry Ready
HTML	⬤	⬤	⬤	⬤	◯
CSS	⬤	⬤	◯	◯	◯
Java Script	⬤	⬤	⬤	⬤	◯
C / C++	⬤	⬤	⬤	◯	◯
Java	⬤	⬤	⬤	◯	◯
Python	⬤	⬤	⬤	⬤	◯
Embedded Programming	⬤	⬤	⬤	◯	◯
Verilog	⬤	◯	◯	◯	◯

Awards

Year	Award
2023	1st place – Agrithon Drik Panchanga + AI/ML based Weather Prediction System
2022	2nd place – EEE Hack Active Noise Cancellation Technology
2022	3rd place – Kodikon Hackathon Text based electronic circuit designer inspired by mermaid js
2021	1st place – PESU Ideathon
2018	Young Scientist Award – State Level
2018	1st place – National level Innovative Model Smart Home: Save Electricity + Anti-theft. Developed using Arduino, communication through GSM. @2k per device
2018	59th International Rank – National Cyber Olympiad
2015	1st place – in50Hours Hackathon – Amazon Mediatek A prototype to secure life in case road accidents / emergencies using Linkit One

Recent Projects

HackEE – *For PES University*

Built website & Organized hackathon for EEE Dept. PES University
https://hackee.in

Flast – *For PES University*

Automate network connections on Sophos WiFi Portal
Java, Flutter
https://ujwalnk.github.io/Flast/

TouchTone

MIDI Interface Music Tool
Java Script, HTML, CSS
https://ujwalnk.github.io/TouchTone/

Circuit Dude

Schematic diagramming tool to represent circuit using text and code
Java Script, HTML, CSS
https://ujwalnk.github.io/CircuitDude/

Simpli-P

Crack the irrational - rational to irrational converter
Java Script, HTML, CSS
https://ujwalnk.github.io/Simpli-P/

MoonReader2HTML

Beautiful & easy to access eBook Highlights
Python
https://github.com/ujwalnk/moonreader2html

Skills

ToastMaster since 2021

Carnatic Singer – 1st class in Junior Exam

Hindustani Vocal

Play Keyboard & Tabla

Photography