Sudha Chaudhry

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https://sudha0125chaudhry.github.io/

Objective

To work in a challenging and growing environment with an opportunity to upskill in the fields of IoT and Electronics domain.

Work Experience

Patent Analyst Associate (Nov 2021 – May 2022)
Effectual Services
Analyzed patent claims for HML analysis and Directed Prosecution. Conducted Market Research on various trending technologies. Performed Patentability Search by conducting patent and non-patent searches.

Content Creator (Jun 2021 – Sept 2021)
Medguru
Authored academic content for NEET aspirants.

Content Writer (Jun 2021 – Jul 2021)
Hariyali NGO
Authored technical and non-technical content for the organisation's blog and help promote their digital presence.
Link: https://eduindex.org/author/sudhachaudhry19991185/

Curriculum Writer (Jun 2021 – Jul 2021)
Team Everest NGO
Craft English Grammar worksheets for government school students.

Teaching Assistant (Aug 2020 – Sep 2020)
VSD Public School
Successfully taught "Basics of HTML" to 7th standard students over an online platform.

Content Writer (Apr 2020 – Jul 2020)
Vetwe Media
Authored content for their company's blogs – Gamer Rewind and Finance Rewind on topics such as current internet trends, entertainment, technology, finance, and games.
Link: https://gamerrewind.com/author/sudha/

Publication

"A Survey on Long Wide Area Network (LoRaWAN)," A Journal of Advanced Research in Networking and Communication Engineering, Dec 2019

Link: http://thejournalshouse.com/index.php/adr-networking-

Education

Bachelor of Technology in Electronics and Communication Engineering (Jul 2018 – Jul 2022)
NIIT University, Neemrana, Rajasthan
Specialization – Robotics and IoT

Class XII (2017)
VSD Public School, Bijnor, Uttar Pradesh
Board – CBSE

Class X (2015)
VSD Public School, Bijnor, Uttar Pradesh
Board – CBSE

Volunteer Experience

- Volunteer | Curriculum Writing | Team Everest NGO
- Volunteer | English Curriculum Writing | Team Everest NGO
- Volunteer | Teach English | Team Everest NGO
- Volunteer | Kitchen Garden | Team Everest NGO
- Problem Analyst | Unnat Bharat Abhiyan | NIIT University
- Student Mentor | Community Connect | NIIT University
- Fundraising Assistant | HelpAge India | VSD Public School
- Fundraiser | Caring Souls Foundation | VSD Public School

Technical Skills

- C/C++
- Python
- MATLAB
- LTSpice
- Logisim
- Scilab
- Arduino IDE
- Keil uVision5
- NS2

Soft Skills

- Leadership
- Teamwork
- Creative Content Writing
- Public Speaking
- Enthusiastic
- Reliable
- Adaptive

Projects

- **IoT Based Disease Detection and Plant Health Monitoring System (Aug 2021 – Nov 2021)**
  GitHub Link:
  https://github.com/sudha0125chaudhry/Plant-Health-Monitoring
  YouTube Link:
  https://youtu.be/7jnGa-vHOSc
- **Application of IoT in Smart Navigation (Jan 2021 – May 2021)**
  GitHub Link:
  https://github.com/sudha0125chaudhry/RnD-IOT-Navigation
  YouTube Link:
  https://youtu.be/907mNmVgeys
- **Line Follower using PID (Jan 2021 – May 2021)**
  YouTube Link:
  https://youtu.be/bE6gIcFbiE4
- **Echo Generation and Cancellation (Mar 2020 – Jun 2020)**
  GitHub Link:
  https://github.com/sudha0125chaudhry/Echo-Generation-and-Cancellation
  YouTube Link:
  https://youtu.be/ZRo_wcow6j8
- **Hydro Infinity (May 2020 – Jun 2020)**
  GitHub Link:
  https://github.com/sudha0125chaudhry/Hydro-Infinity
  YouTube Link:
  https://youtu.be/KGz8PGdq8Is
- **Plant Monitoring System (Nov 2019 – Dec 2019)**
  GitHub Link:
  https://github.com/sudha0125chaudhry/Plant-Monitoring-System
  YouTube Link:
  https://youtu.be/NouAV1APVbg
- **Hand Gestures Controlled Computer (Jan 2019 – Apr 2019)**
  GitHub Link:
  https://github.com/sudha0125chaudhry/Hand-Gesture-Controlled-

Achievements

- 30 days Google Cloud Program | Qwiklabs *(Dec 2020)*
- HackNU 2.0 | NIIT University *(Jun 2020)*
- Certificate of Publication | Advanced Research Publications *(Feb 2020)*
- Letter of Appreciation| Human Resource Development | Government of India *(Jul 2015)*

Positions of Responsibility

- Course Project Mentor | NIIT University
- Student Mentor | Resonance 2019 | NIIT University
- Coordinator | Instils Photography Club | Resonance 2019 | NIIT University
- Head Girl | VSD Public School
- Member | TECH FEST Organising Committee | VSD Public School
- Member | SAPTRANG Organising Committee | VSD Public School
- Compère | SAPTRANG | VSD Public School