

NEELAM PAVAN KUMAR

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CAREER OBJECTIVE

I am a dedicated individual looking for a company that helps me to enhance my skills and sharpen my leadership qualities by having me to take up the challenging assignments and work on them along with my team which helps me to develop myself. I work with Free and Open Source Technologies.

EDUCATION

Narayana Engineering College

(Bachelor of Technology)

Department of Electronics and Communication Engineering

July 2020 - Present

Overall GPA: 7.9/10

Gomathy English Medium School - CBSE

Intermediate

June 2019 - 2020

Overall GPA: 7.4/10

Little Angles Public School - CBSE

10th Standard

June 2017 - 2018

Overall GPA: 7.6/10

TECHNICAL STRENGTHS

Programming Languages

Python, Java, C/C++.

Software & Tools

Arduino, VLSI, Matlab, Verilog, FreeCad,
PenPot, Figma, HTML, CSS, JavaScript, Canva,
Git, Agile, Latex, Linux Administration.

Project Management Skills

Task & Time Management, Work Distribution,
Logical Thinking, Team Management.

PROJECTS

Interactive Web-Based Simulations for Balaswecha

2nd July - 25th July 2021

Summer Internship at Swecha AP

- I along with my team have developed a website along with some simulations on "Pollution and its types" and later deployed the website into an OS named Balaswecha and made the OS available for the government school students.
- Technologies used : HTML, CSS, JS, Bootstrap, Git, Agile

Blind Turn Assistance

October 2022

- Blind Turn Assistance improves pedestrian and driver safety around corners using Arduino technology. It functions like traffic lights, warning about oncoming vehicles to reduce accidents. Additionally, it helps prevent collisions with animals by alerting drivers early. Overall, it enhances road safety for both people and wildlife.
- Technologies Used: Arduino IDE, C/C++

Home Automation

Jan - Mar 2023

- A Home Automation project is when you use cool gadgets to control things in your house, like turning on lights or adjusting the temperature, all with your phone or voice commands. It's like having a magic wand that makes your home do what you want, without you even having to get up!
- Technologies used : Arduino IDE, C/C++.

NOTABLE WORKS

Freedom Box

Establishing Community Networks in 2 Villages of Andhra Pradesh.

- We as a team of Swecha went to few villages where there is no internet connectivity. We laid a fibre line and provided internet to a single point and there by using this Freedom box we have expanded the network across the whole village.

Student Speaker at NECG SLC

- As a student speaker at NECG SLC, a social and technological club at Narayana Engineering College, I have taken technical sessions on some of the technologies like HTML, Python, Apache Superset and also talked about Free and Open Source technologies.

Tech Works

- As a volunteer in SwechaAp we use to work on multiple free & open source technologies. We use these technologies to solve problems in rural areas.

Be A Maker

- As part of Be A Maker program I went to government schools and helped students to make the prototypes of the solutions for the problems that are identified by them.

EXTRA - CURRICULAR ACTIVITIES

Volunteer at Swecha AP(Non-Profit Organization)

Member of NECG SLC(SWECHA LEARNING CENTER)

Member of KL GLUG(GNU/LINUX User's Group) - Social & Technological Club

LinkedIn : <https://www.linkedin.com/in/neelam-pavan-kumar/>LinkedIn