



CONTACT

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- ACHUTHAPRAMOD K K

SKILLS

- Programming Languages (Python, C, Verilog)
- GUI Python, Web Development (Basics)
- Design (Canva, Figma)
- Content Writing
- Communication
- Microsoft Office - Excel, Word, Powerpoint
- Simulation Softwares : LTSpice, Keil Microvision, LaTeX

STRENGTHS

- Leadership
- Teamwork
- Creative
- Adaptable
- Hardworking and Self - motivated

ACHIEVEMENTS

- State & District SPC Camp 2019 - Platoon Leader
- Volunteered for various programmes & Cultural Events
- IEEE SB, ISTE NON-Tech Member, ELACSTA Panel Member (Academic Coordinator)
- Cadet of the Year in 2019 (Students Police Cadet)
- Sports Meet 1st (4*200m relay) 2018, 2023

ACHUTHAPRAMOD K K

CAREER OBJECTIVE

Aspiring Electronics and Communication Engineering student passionate about emerging technologies, eager to take on challenging roles to utilize and enhance knowledge, skills, and teamwork abilities. Committed to contributing to social benefits and empowerment with confidence and determination.

EDUCATION

NSS COLLEGE OF ENGINEERING, PALAKKAD

B.Tech. in Electronics and Communication Engineering

Minor Degree in Computer Science and Engineering

2021 - 2025

CGPA - 9.03
(Upto S6)

SMT GOVT. HIGHER SECONDARY SCHOOL, CHELAKKARA

Higher Secondary 2021

99%

ST. THOMAS HSS MAYANNUR

Matriculation 2019

99%

PROFESSIONAL EXPERIENCE

Project Intern at **IIT Palakkad** (On-going) - **CGRA OVERLAY DESIGN FOR FPGA**

PROJECTS

- **Nutritional Optimization and Recommendation Model** (On-going) : an ML based recommendation system
- **MINI PROJECT :- Navigation Guiding Device**, developed a voice-guided navigation system using a Raspberry Pi. This system integrates various technologies to provide real-time navigation assistance, obstacle detection, and emergency support. (Raspberry Pi 4B, Python, Google API, ClickSend API)
- **Audio Equaliser Circuit** using Opamp TL072 : Song/Audio Equalising circuit which controls Bass, Mid, Treble for better and soothing music experience
- **Vaccum Cleaning Robot** using Arduino : A Small dust and waste sucking robot running on 9V battery
- **24 Hour - Digital Clock Simulation** using Proteus
- **CV Builder** using Streamlit : A tool that generates professional CVs by filling out a form, dynamically creating a structured PDF layout that can download (Hobby Project).

COMMUNITY ACTIVITIES

- **Workshops Attended:** Vega Processors workshop, Verilog, ChatGPT and AI tools, Python and GUI, Canva & Figma
- **Social Outreach:** Conducted awareness class for KV students on the topic - "Understanding Societal implications of mobile technology" and Python Workshop
- **Extra-Curricular:** Movies, Football, Music

CERTIFICATIONS

- NPTEL course on **Deep Learning**, offered by IIT Kharagpur
- NPTEL course on **Essential Mathematics for Machine Learning**, offered by IIT Roorkee
- NPTEL course on **Introduction to Internet of Things**, offered by IIT Kharagpur
- **Python for Beginners & Intermediate** by Sololearn
- **Python 101 for Data Science** by Cognitive Class provided by IBM
- **Soft Skills** by TCS Digital iON