



Vishal Founsa

Bachelor of Technology
in Electrical Engineering
National Institute Of Technology, Srinagar

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EDUCATION

Degree	Institute		CGPA/Percentage	Year
B.Tech ELE	National Institute of Technology, Srinagar	NIT	7.32 CGPA	2020-2024
Senior Secondary	Kendriya Vidyalaya, Samba	CBSE	7.9 CGPA	2019
Matriculation	Kendriya Vidyalaya, Samba	CBSE	9.2 CGPA	2017

EXPERIENCE

• Jammu and Kashmir Power Development Department

December 2021 - February 2021

Intern

Jammu

- Deep understanding of Electrical Equipment's and their Working
- Gained Practical knowledge of Power grid including Transmission

PROJECTS

• Simulated PID controller using Matlab

- Controllers use a control loop feedback mechanism to control process variables
- Obtained its transfer function or state-space representation
- Analyze the system's transient and steady-state responses

• Line Encoder Using C++

- Line coding is the process of converting digital data to digital signals
- By this technique we convert a sequence of bits to a digital signal.
- github-<https://github.com/VISHALFOUNSA/LINE-ENCODER>

SKILLS

- **Programming Languages:** C, C++, Data Structure and Algorithms, Latex
- **Tools and Frameworks:** Matlab, Visual Studio
- **Operating Systems:** Windows, Android
- **Soft Skills:** Public Speaking, Leadership & communication skills

KEY COURSES TAKEN

- **ELE & Maths:** Basic Electronics & Electrical Engineering, Digital Electronics, Analog Electronics, Control System, Microprocessor: Theory & Applications
- **Others:** C/C++, Object Oriented Programming, Data structure and algorithms, Principle and Techniques of Modern Radar

CERTIFICATIONS

- Certificate for completion of C training IIT BOMBAY
- Certificate for completion of internship JKPDD
- Certificate for Participation in International Yoga Day

POSITIONS OF RESPONSIBILITY

• Lead ,my team for PID project

OCT. 2022 - NOV. 2022

Demonstrated responsibility by overseeing logistics, assigning tasks, and ensuring a smooth execution of the project.

• Participated ,in various clubs and helped in organising Events

MISCELLANEOUS

- **Space Enthusiast,** joined online workshop of OM space
- **Good at Sports,** I participated in a football tournament, and through teamwork and dedication, we secured 4th position at NIT