

UMMAR RAMZAN

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Education

National Institute Of Technology Srinagar

Bachelor Of Technology in Electronics and Communication—(6.66 CGPA)

Srinagar, J&K

2025

Govt. Hr. Sec. School, Palhalan

Intermediate—(69.80 Percentage)

Baramulla, J&K

2019

Hanfia Gousia Model High School, Palhalan

Matric —(84.60 Percentage)

Baramulla, J&K

2017

Technical Skills

- **Languages/Tools** :C,C++,SQL,VHDL,Python,Computer Vision
- **Developer Tools**: LT Spice, Git Hub,VS Code,ModelSim,Proteus,Keil,EDA Playground
- **Others**: All MS tools

Soft Skills

- Strong Verbal and Written Communication
- Active Listening and Problem Solving
- Proficient in MS Office, CRM tools, and call handling software
- Ability to handle high-pressure situations and multitask efficiently
- Leadership & Teamwork
- Critical Thinking

Languages

- English
- Hindi
- Urdu
- kashmiri

Project(s)/Internship(s)

a. Implementation, Simulation and Design of Booth's Multiplier

- Developed an efficient Booth's multiplier using VHDL to perform signed binary multiplication.
- Implemented the multiplier on an FPGA board, showcasing proficiency in hardware prototyping and testing.

b. Video Editing Tool

[~ link](#)

- Developed a tool to automate video editing tasks such as clipping,adding transitions,and synchronizing bg music
- Processed video segments based on timestamps and applied smooth transitions for cinematic output
- Utilized MoviePy to adjust aspect ratios and enhance video quality for social media platforms

c. INTERNSHIP: Object Detection using NVIDIA Jetson NANO

[~ link](#)

IIIT Delhi | (Dec 2023-Feb 2024)

- Explored Intersection of object detection aiming to enhance the accuracy and efficiency of computer vision systems.
- the application of deep learning models for object detection and their potential impact

Experience(s)

a. Local SEO Specialist | Business Consultant - Intern

AcquX | (Dec 2024-Feb 2025)

- Optimized Google My Business (GMB) listings to improve local search rankings.
- Used AI-based SEO software to enhance business visibility on Google Maps.
- Conducted keyword research & competitor analysis for targeted local SEO strategies.
- Analyzed Google Maps insights & ranking factors to drive organic traffic.

b. Team Lead

Centre For Research On Public Policy(CRPP) | (2021-2024)

[~ link](#)

- Led rural development initiatives, coordinated with stakeholders, and managed project planning to drive social impact through UBA goals.
- Organized awareness campaigns and community engagement programs, developing strategies for sustainable impact.
- Oversaw the implementation of social impact projects, ensuring effective execution and measurable community benefits.

c. Tutor

Private Tutition | (Oct 2021-Jan 2022)

- Provided personalized tutoring for school students, developing tailored learning strategies to improve academic performance in subjects like math, science, and English.
- Identified student's strengths and weaknesses, creating customized lesson plans and study schedules and guided them in choosing career paths and preparation strategies for competitive exams.