

SYED JUNAID KHALANDER

Pursuing Bachelor of Engineering in Information Science & Engineering.
Dayananda Sagar of Academy of Technology & Management.

About Me:-

Independent and innovative thinker with critical analysis skills and problem solving mindset. Always trying to find the most efficient, fast and simple solution. Quick learning and rapidly absorb knowledge and information and easily adapt to a given situation.

Contact Info:-

Mail ID: syed.junaid0604@gmail.com
Phone Number: +91 7204983797
Bengaluru, Karnataka, India

SKILLS:-

Programming Languages:-

Python
C
Java

Web Tech:-

HTML 5, CSS, React

Software & Tools:-

Visual Studio Code, MS Office, Photoshop, SolidEdge, Arduino

Non-technical:-

Debate, Time Efficiency, Video Editing, Project Management, Organization Skills, Public Speaking, Team-leading, Teamwork, Team Building, Critical Analysis, Logical Reasoning, Critical Thinking, Easily Adaptable, Project Planning, Team Management, Analytical Skills

EDUCATION:-

Dayananda Sagar Academy of Technology and Management, Bengaluru

Bachelor of Engineering (BE), Information Science Engineering
October 2024 – October 2028
CGPA (1st Year): 8.6

Aakash Institute – Integrated with GR PU College

12th PU (PCMB)
June 2022 – May 2024
Percentage: 92%

St. Paul's English School

10th ICSE
June 2020 – April 2022
Percentage: 86%

CERTIFICATIONS:-

- Organic Solar Cells: Theory and Practice – Technical University of Denmark
- Internet of Things – Infosys
- Introduction to Programming Using Python – Infosys
- MATLAB (Beginners) – Infosys
- Programming in C Certification – Infosys
- Algo-Rave Hackathon – Dayananda Sagar Academy
- National Level Tech Fest: ALGO-RYTHM-2024 Hackathon - Dayananda Sagar Academy
- Antaragni (Interdepartmental Cultural Event) – Dayananda Sagar Academy

PROJECTS & LEADERSHIP :-

Real-time video transmission over the same WIFI connection Python project (DSATM):-

Built a Python-based local Wi-Fi video streamer using OpenCV and TCP sockets, delivering low-latency, bandwidth-efficient, internet-free transmission; showcases real-time multimedia and socket programming, with scope for encryption, IoT integration, and AI analytics.

Elysium – Algae-based Air Purification System for Urban & Niche Environments :-

Designed a compact algae-based photobioreactor that uses *Chlorella vulgaris* to absorb urban CO₂ and release oxygen far faster than traditional tree planting. Inspired by Serbia's LIQUID3 concept, the project followed a design-thinking cycle research, community feedback, prototypes, and indoor testing and achieved measurable CO₂ reductions in small-space settings such as metro stations or markets. The work positions algae cultivation as a scalable, sustainable air-quality solution for dense cities, with future scope for IoT-enabled monitoring and automated maintenance.

IR-Based Remote Controlled Car using Arduino UNO:-

A small car controlled using IR signals of a TV-Remote. Wirelessly controlled. Used Arduino UNO and KY-022 IR Receiver to use the tv remote's IR signals and then activating the motors using a microcontroller and L293D Motor driver. Both the hardware assembly as well as the software area (Arduino Code for figuring out the IR signals as well as the motor driver code).

Online Skit Production (St. Paul's English School):

Planned, directed, and video-edited an online skit that won runner-up in an inter-school competition. Coordinated a 10-member team, managing script, schedules, and post-production.

School Robotics Club (St. Francis School ICSE):

Completed beginner & intermediate robotics certifications; led house team in inter-house tech events.

Debate Team:

Winner (school-level) and runner-up (inter-school) positions, honing persuasive communication and critical-thinking skills.

INTERESTS:-

Software & web development, IoT applications, Renewable-energy tech, Competitive debating, Video production & editing
