

Pegoutam Saini

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Skills

- **Technical Skills:** Arduino Uno | Flight Controllers | WordPress | Java | HTML | CSS | SEO

Education

Guru Nanak Dev University, Amritsar	2020 – 2024
• Bachelor of Engineering in Electronics and Communication Engineering CGPA: 7.1	(expected)
Senior secondary School, Bharath Kazi Chak, Gurdaspur	2019 - 2020
• PSEB (Class XII), Aggregate: 94%	
Little Flower Convent School, Dinanager	2017 - 2018
• ICSE (Class X), Aggregate: 65%	

Work Experience

Celebrity Tadka WordPress Developer, SEO Analyst & Content Manager	May'23 - Jul'23
• Analyzed website metrics and performance to drive SEO initiatives and improvements.	
• Managed and curated content to align with SEO strategies and brand messaging.	

Projects

Auto-Level Quadcopter

Designed and developed a Quadcopter, ensuring stable flight by automatically adjusting to external conditions.

- Utilizes advanced sensors to constantly adjust and maintain a level position during flight.
- Automatic leveling for smoother flight trajectories and reduces the need for manual corrections.

Autonomous Drone ([News coverage](#))

Designed and developed a Drone to perform tasks and navigate their environment without real-time human control.

- Equipped with real-time data transmission, allowing instant communication.
- Automated take-off and landing capabilities, ensuring safe and consistent operations without manual input.
- 'Return to Launch' function, enabling the drone to autonomously return to its starting point in case of signal loss.

Amazon Clone Website

Developed a responsive e-commerce website that emulates Amazon's design and functionality using HTML and CSS.

- Achieved seamless navigation, mirroring Amazon's user-centric interface.
- Ensured cross-device compatibility through mobile-responsive design.

Academic and Extracurricular Achievements

- Participated in, "I'm Engineer" at university level competition and won First Prize
- Participated in, "Engineer's Creed", TecSetCo at University level competition and won First Prize
- Participant in Project Presentation, International Day of Light Anniversary, 2022
- Volunteer in G20/Y20 Summit, 2023
- Participant in Project Presenter, NAAC University Visit
- Volunteer in NEP Summit, 2023
- Participant in 3D Workshop, GNDU Innovation Center

Positions of Responsibility

CR Class Representative	2020 – Present
• Represented the interests and concerns of the class to the school administration and faculty.	
• Organized class activities, meetings, and events to promote camaraderie and unity.	
• Collaborated with other class representatives to exchange ideas and best practices.	
ESF (Electronics Student Forum) Co - Convener	2023 - Present
• Managed the organization of multiple events, ensuring they ran smoothly and met their objectives.	
• Connect with other departments and external stakeholders to secure sponsorships, partnerships, and resources.	
• Mentored and guided the ESF team, teamwork and effective communication.	