

# Abhinav Singh

I am a passionate software engineering student from Galgotias college of engineering and technology India. I use CPP as my primary language and I love to talk about new technologies and finance. I successfully published a research paper on 'Precision Irrigation Using Wireless Technology' with Scopus and IOS.

## EXPERIENCE

### Precision Irrigation using Wireless Technology

July 2021-Nov 2021

- Precision irrigation system focuses on improving the traditional method of irrigation system.
- Worked on Wireless sensor network for sensing and conductivity for soil nutrients, microcontroller used for receiver and transmitter and also solenoidal pump for automatic water supply.
- Precise the accuracy of water during plantation and maintain the nutrients level of a soil.

### Catalyst-IN

April 2021 - July 2021

- Maintainer of Catalyst-IN formal website frontend project and open source events website.
- Worked on Java Script, HTML and CSS projects as a primary contributor and maintainer of the project.
- Mentor of Thirty days of Frontend open source event under Catalyst-IN.
- Member of prestigious Catalyst-IN and Cross-walk open source organization.

## PROJECTS

### Black Soldier Fly Larvae

- Conversion of waste material or garbage into manure form.
- It has peupa and pre-peupa to complete the waste material into garbage form by using Solar energy and larva.

### Open Source Events-Web Development

- Built a unique open-source events calendar by using Vue JS, HTML and CSS
- It helps open-source contributors to be updated on upcoming events with links, time period and history of that event.

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## Position Finder-Web Dev

- Position finder is web based projects which find SGPA of a particular semester by tasking marks and pointers as input.
- Implemented basic Javascript, HTML CSS and Bootstrap for making web pages more responsible.
- Students of JU using this project on exam months improve their Cumulative Grade Score.

## SKILLS

C | C++ | OOPS | Machine Learning | HTML | Git & GitHub

## EDUCATION & LEADERSHIP

- Galgotias College of Engineering and Technology, Uttar Pradesh

- Bachelor of Technology in Electronics and Instrumentation and Engineering JULY 2018-2022

- Leader In Conventous club in GCET
- Neural Hackathon hosted by Virtusa - Participated
- Presented a research paper in GCET and it got selected in RTPDP 2021.

## LINKS

GitHub-<https://github.com/AbhinavSingh>

LinkedIn-[linkedin.com/in/abhinavsingh03](https://www.linkedin.com/in/abhinavsingh03)

Gmail-[abhinavsingh0308](mailto:abhinavsingh0308)