

PHOTO

**Name - HASHAL JAIN**

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Rajasthan

### Brief Overview/ Career Objective/Summary

I have a logical mind with a practical approach to problem-solving and a drive to see things through to completion. I like working in cores. Also,

I am a flexible and versatile team player, seeking a position in an organisation where I could use my knowledge and skills to achieve mutual growth

### Key Expertise/Skills

**Core** :-C, C++, Python, Java, HTML, CSS.

**Technologies** :-Internet of Things, Blockchain, Web Development.

**Frameworks** :-Angular, Bootstrap.

**Tools** :-Ganache, Selenium, Github.

**Cloud Platform** :-Cloud Functions(GCP), Firestore ,ThingSpeak.

### Education-B.TECH, XII, X- College/School name, Passing Year & Percentage

- **B. Tech.** Computer Science / Geetanjali Institute of Technical Studies / 2023 / 88%
- **XII (CBSE)** / St. Anthony's Se. Sec. School, Udaipur/ 2019 / Percentage : 78%
- **X (CBSE)** / St. Anthony's Se. Sec. School, Udaipur/ 2017 / Percentage: 83%

### Patents &Publicationns

#### Patent

- **Self-Powered Wild Animal Intrusion Detection And Alerting System**

NOVEMBER 3, 2020202011048018

Patent description: This system resolves farmer's problems regarding the wild animals invading and destroying their farms, It is an IoT, AI based system. It provides image classification and generate different sounds according to the intruder image

#### PUBLICATION

- **Self-Intrusion Detection System for Protection of Agricultural Fields Against Wild**

**Animals**

**MAY 9, 2021**

International Journal of Modern Agriculture Paper Volume-10

Issue-2, ISSN: 2305-7246, pp. 2686-2691.

## Work Experience

### Python Developer Intern : 7H

**( July 2022—current)**

- Working on python selenium for LinkedIn automation and scraping
- Understanding the architecture and design of LinkedIn and writing logics.
- Worked on understanding requirements, brainstorming use-cases, developing creative and smart solutions.

### Frontend Developer Intern: SansKrut corporation –

**(October 2021- January 2022)**

- As a Frontend developer worked on Angular 13 made responsive UIs using Material CSS & Bootstrap
- Writing Google cloud function APIS & Logics

## Assessments/Certifications

### Blockchain Specialisation: University at Buffalo–

**(Coursera July 2021)**

- Blockchain Basics
- Smart Contracts
- Decentralised Applications (Dapps)
- Blockchain Platforms

**Skills Gained: Smart Contract | Ethereum | Blockchains | Solidity**

### NPTEL:-

#### Programming domain

- Cloud Computing ( April 2022)
- Database Management System (September 2021 )
- Programming in Java (April 2021 )
- Problem-solving through Programming In C (February 2021 )
- Programming in C++ ( November 2020)

#### Indian Institute of Technology Kharagpur

- Data Structures, And Algorithms Using Python (September 2021 ) **Indian Institute of Technology madras**

## Achievements

- Smart India Hackathon Hardware Edition 2020 **Winner-1st position**
- Agri India Hackathon 2020 **Winner-1st position**
- India International Science Festival (IIFS) 2021 **Winner-3rd position**
- 5 Star coder in C++ at HackerRank
- Paper presented at ICPCCAI-2020
- Participated in Manthan | Toycathon 2021
- Winner in SCI-TECH 2018

## Projects

### Team Projects

- **Self Powered Intelligent Bin**

**Tech Stack : IOT | Firebase | Arduino | Hardware Components | Sensors**

Bin opens, closes automatically when a person comes in front of it, Sends alert messages to collect when full or pollution and fire condition, centralised monitoring is possible.

- **Self Powered Intrusion Detection System**

**Tech Stack : IOT | Firebase | Arduino | Hardware Components**

Smart IOT based system which protects farms from wild animals during night, sends alert text messages using when intrusion occurs on the farmers mobile with the picture of the intruder. It uses flash lights speakers and hooters to prevent the farm.

### Personal Projects

- **Linkedin Automation**

**Tech Stack: Python | Selenium.**

- **IT shop management System Tech Stack : C++ | Graphics**

Uses File handling to maintain the stock. CRUD operations in C++, use of Graphics in C++.

- **Multiplayer Snakes Ladder Game**

**Tech Stack : Python | Flask | HTML | CSS | Firebase | GCP.**

- **Chinese Restaurant Website**

**Tech Stack : HTML | CSS | JavaScript | Bootstrap**

- **Auction & Ballot smart contract**

**Tech Stack : Solidity | Ethereum.**

### **Personal Interests/Hobbies**

- Gardening
- Badminton
- Card Stacking
- Carrom
- Table Tennis

### **Personal Details**

**Name:-Harshal Jain**

**Date of Birth:- 4/12/2001**

**Gender:- Male**

**Father's name:- Rakesh Chittora    Mother's name:- Vinita Chittora**

### **DECLARATION:**

**I hereby declare that the details provided by me in this resume are correct and I have knowingly not omitted/ misrepresented any information.**

**Date:**

**Signature:**