

# ANKIT KUMAR

## Student

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📍 Jharkhand, India

in Ankit Kumar

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## EDUCATION

### B-Tech in Computer Science With Business System

- Vellore Institute of Technology - Vellore.
- Class Representative of Business School
- Cgpa: 8.14 (up to sixth semester)

### 12th Education

- Indian School Certificate (ISC) - (2019-2020)
- Rajendra Vidyalaya - Jharkhand
- Design Head of the school and a core-committee member of biggest event among schools - "Leozero".
- Percentage: 82%

### 10th Education

- Indian Certificate of Secondary Education (ICSE) - (2017-2018)
- Rajendra Vidyalaya - Jharkhand
- Percentage: 90.02%

## INTERNSHIPS

### Salesforce Developer at SmartInternz - (May 2023 - July 2023)

- This internship provided with the knowledge about how a CRM (Customer Relationship Management) software works and got a hands on experiences of it.
- Visit my profile to know more - [Click Here](#)
- A guided project on event management app using Salesforce- [Click Here](#)
- Certificate - [Click Here](#)

## HONORS & AWARDS

- AWS Academy Graduate - AWS Academy Cloud Foundations Certified - Certificate - [Click Here](#)
- Created a Lead Generation Messenger Chatbot using Chatfuel - An online non-credit project authorized by Coursera Project Network and offered through Coursera - Certificate - [Click Here](#)
- Flipkart 4.0 grid participant - Certificate - [Click Here](#)
- Quality Week: Engineering Standards in Programming organized by IEEE INDUSTRIAL APPLICATIONS SOCIETY (IEEE-IAS) - VIT - Certificate - [Click Here](#)
- Second Prize at Regional Artistic Competition.
- Participation at International Abacus Competition

## SKILLS

- Languages - **Java** , **C++**
- Web Development - **Html** , **CSS** . **JavaScript**
- Soft Skills - **Creativity** , **Teamwork** , **Communication** , **Time Management** , **Adaptability**
- Hard Skills - **Canva** , **Figma Video Editing**

## PROJECTS IN DETAILS

### Crop Recommendation and Irrigation System using Machine Learning and Internet Of Things.

- Specifically the Extreme Gradient Boosting (XGBoost) algorithm, and a weather API to forecast rain.
- Involves the collection of soil parameters such as NPK levels, humidity, temperature, and soil moisture using sensors. These sensor values are transmitted to the Arduino microcontroller, which serves as a central control unit for the system, which is connected to a relay module
- This crop recommendation and irrigation system utilizes the XGBoost algorithm to provide highly accurate crop recommendations, with a success rate of 99.1%.
- To learn more - [GITHUB](#)

### Anomaly detection using Machine Learning , Google API and GPS module system.

- Utilizing the results through Google API, scene detection shall be employed to locate the person within their surroundings. (E.g., Bedroom, Bathroom, Garage, etc.).
- Natural Language Processing shall be extensively utilized to convert object data to easier to understand language data, which will help assist people better.
- The entire above-mentioned process shall be enabled via a seamless application flow that is developed in a multi stack approach with python being the primary choice for handling artificial intelligence related tasks.
- The overall system shall be integrated into a singular, easy to use and intuitive application to help users.
- To learn more - [GITHUB](#)

### Personal Portfolio Website

- Developing Personal portfolio website using Html and CSS.
- To go to the website - [Click Here](#)

## RESPONSIBILITY

### Media/Outreach Head of IEEE-IAS - VIT

- Configured graphics design elements to optimize functionality on desktop and mobile devices.
- Designed web-based advertisements and social media ads to add visually appealing elements to client advertising campaigns.
- From January 2022 - January 2023