

# Anirudh Saxena

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## CAREER OBJECTIVE

Passion for innovating new solutions for complex real-world problems and am a Geek who is always enthusiastic to learn about new technologies and emerging trends, good at critical thinking and innovative design, worked on multiple projects of diverse categories to have a distinctive and variegated skill set. Seeking an opportunity that will allow me to utilize my skills and experience in making a successful organization.

## EDUCATION

<b>B. Tech in (CSE) with Specialization in Industry 4.0 (IIOT, DCS), <u>GLA University, Mathura</u></b>	May 2022
<b>Intermediate (CBSE)</b>	May 2018
<b>High School (CBSE)</b>	May 2015

## INTERSHIPS

**Dysmech Consultancy Services (CSED)**, Internship May 2020 - June 2020  
Smart Water Management using IOT

- We had to design a smart IoT-based water management and monitoring system for society.
- Which had to manage the whole water distribution system automatically and provide a monthly report about the consumption, wastage, quality, storage, etc. Directly on the app for society members.
- It helps us in minimizing the maintenance and consumption cost of society and Utilizes greywater more efficiently.

## ORGANIZATION / INDUSTRY EXPERIENCE

- **IIOT Expert & Technical Trainer** 1/2024 – Present
  - Provide Training to several Institute and universities on the most demanding technologies of this Era IIOT.
  - As a industry Person help student to make them aware about the current scenario of the industry and it's requirement from the candidate.
  - Design several microprojects for as a freelancer and guide them how to achieve their final goal.
- **Momagic Software (Research & Development and Strategy Engr)** 12/2022 – 1/2024
  - Our main objective is to add more features to the customer experience, make connection Smoother & achieve control on each LED separately so we can introduce new functionality to those bulbs.
  - Working In collaboration with Syska & other companies on their Smart IOT-enabled LED bulbs.
  - In the Airport project working on some new technologies like LE Bluetooth, Zigbee & lots more.
  - Here my role is to find the potential & efficient solution and different approaches to solve the biggest problem of Airports and identify the best technology to start with.
  - Working on Bluetooth Range finder and Bluetooth bandwidth distance calculation with the particular ID identification Not more than the space rate of (1.05) meter.
  - Working on ultra LE Bluetooth module MMT 1211 powered by MediaTek.
  - **Smart cars** Here I have to identify new possibilities to make car more safe, smart & human friendly by IOT.
- **Creserence Software (Software Developer)** 4/2022 – 11/2022
  - The development of Attractive & user-friendly interfaces with editable timelines for the company portal.
  - Closely working with graphic designing and Business analyst team to identify user problems, their demands & and the particular Section where they face most of the issues to design an efficient path for the users.
  - Introduce new user movement & data collection features for a healthy user experience with multiple channels.
- **Meditab Software (Implementation Analyst)** 9/2021 – 4/2022
  - Coordinate with the teams of different departments like development, testing, database and assign them all the tasks according to the project requirement and take updates till the successful completion of the project.

- Analyze the current product and identify the scope of improvement from client feedback, errors, etc.
- Innovate and introduce new features and new sections in the current product to ensure our product always has all those functionality and capability which is currently in demand

## PROJECTS

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### **SMART FLOOD CONTROLING & SEWAGE CLEANING SYSTEM**

Nov 2018 – Present

**Mentor :- Dr Manoj Kumar Choubey**

- This is an innovative robotic solution that can terminate the biggest problem of our nation the “Urban Floods”. Which takes thousands of lives and tons of resources every year constantly. These are self-stand robots capable of working in harsh weather conditions to ensure safety.

### **FARM GREEN**

July 2020 - November 2020

- This is a unique agriculture-based app. It has some unique features that will be helpful for both the Government and farmers in making farming easy and more profitable. It will provide world-class machinery to the farmer and valuable controls and data to the Gov. This is a mixture of data visualization, IoT, and Robotics together.

## SKILLS

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### **Technical**

- Use of Thing Worx, Use of IDE (Arduino, Visual Studio), Sensor technology, Sensor Identification, highly skilled in real-world problem solving, Innovation, Architecture Design, MS Office (Intermediate), DSA(Basic) C (Intermediate), Python (Basic).
- Design: Workflow design, IOT Project design & technical requirement analysis, Circuit Design (Basic).
- Technology: Internet of Things (Basic), Data Analysis (Basic), Blender (Basic), MIT Thinker CAD.

### **Professional**

- Proactive (self-starter), R&D, Product Design, Project Planning, Multitasking abilities, time management, Innovation, Active Listener, negotiation and persuasion, Flexibility.
- Ability to identify real-world problems and their solution using various efficient approaches, Potential leader.

## FRUITIONS

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- **Work on Gov funded Projects (IEDC), National level innovator** Some Patentable technologies.
- **Aim water innovation challenge** (Selected among the top 14 in innovative projects in the challenge for the finale).
- **AI for India 1.0** (Participated in gunnies world of record AI for India).
- **Safer India hackathon** (Selected for the semi-final round of the Safer India Hackathon)
- **Agri India hackathon** (participate and submit the Idea on advanced agriculture robots).
- **Swadeshi Microprocessor challenge** (Solution for a problem with the use of a Made in India microprocessor).

## CERTIFICATES

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- Attended workshop on IOT by Ducat.
- Participated in Safer India Ideathon.
- Webinar on how to build an Android app.
- Introduction to IOT and Embedded systems.
- The Skill up with IBM.

## PERSONAL DETAIL

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- **Father Name** : Mr. Vimal Kumar Saxena
- **Date of Birth** : 7- Sep -1999
- **Marital Status** : Unmarried
- **Nationality** : Indian

## DECLARATION

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I hereby declare that the above-mentioned information is true to the best of my knowledge and I am accountable for its accuracy.

Date :

Signature :