

# SHREYA A

Mobile: +91 9901631930

Email: [shreyareddy836@gmail.com](mailto:shreyareddy836@gmail.com)

## CAREER OBJECTIVE

To enhance myself through continual upgrading of knowledge and to utilize my skills and knowledge for the better of company.

## WORK EXPERIENCE (IN DETAIL)

Company Name	Duration	Client work place
Corporate InfoTech Pvt Ltd(Currently working)	From 16 <sup>th</sup> Feb 2022–till present date (1+year )	Aeronautical Development Establishment, DRDO.

## SKILLS

- **Languages** : C, C++
- **Operating System** : Windows, Linux
- **IDE's** : Visual Studio(MFC), QT Creator IDE
- **Protocols** : UART (RS232, RS422), Ethernet (UDP)

## PROJECTS

**1. Project Name:** Ground Control Station User Interface software. OS: Windows 7/8

**Programming language:** C++

**IDE:** Visual Studios

**Description:** Ground Control Station (GCS) User Interface software is used by Pilot for reference to fly UAV remotely from GCS. The UI software main purpose is to display the command given by the pilot to UAV. The UI gets 1024bytes data from the Real time controller system.

**UI software features are**

- To command and control various LRU's in Air vehicle, RF-data link equipment and Tracking Systems.
- UI displays the Flight computing parameters for pilot, so he can take necessary actions during the Flight.
- QT Creator Platform is used to extract the UI data for testing.

**Roles:**

- Developed Control Commands for various LRU's in Air vehicle, RF-data link Equipment and Tracking Systems based on their specific documents and message formats.

- Modification of existing modules as per the latest UAV requirements.
- Used the UI for Integration checks between Air craft and GCS.

## FIELD TRIALS

- For Data Link evaluation visited Aeronautical Test Range (ATR) Chitradurga.
- Used the **UAV-RTC Simulator Software** in air-sortie for the evaluation of data link and to evaluate the range and to know the link existence between the Flight and GCS Along with the Scientist of ADE, DRDO.
- Collected Taxi data and analyzed the data to prepare the results with report.

## EDUCATION

Course	Institute/Board	YOP	Percentage/CGPA
BE(CSE)	Bangalore Institute of Technology	2021	6.7 CGPA
12th	Narayana PU College	2017	63.3%
SSLC/10th	Royal English medium School	2015	84.56%

## WORKSHOPS / CONFERENCES

- Technology of Health (be Care 2020) by Aventyn, Inc., USA
- Data Science with Python workshop by Kigyan School of Data Science.
- Modern Web Application development using Mean stack, a two days hands-on workshop.
- “Laser Physics and Non-Linear Optics”, a one day conference talking the latest technologies.

## FORMAL TRAINING

### Software Intern | Konigtronics Pvt. Ltd

28/03/21 – 28/04/21

We worked on a project which was on Analysis and Prediction of COVID-19 using Machine Learning and we were successful in implementing it.

### Stock Market Prediction Using Machine Learning| NOVYI MIR Research Journal

AUGUST 8TH

A smart algorithm to predict the fluctuation in the market using an advanced code, this would help any common individual to predict the growth and decline of the shares value.

## Online wedding planner |Web technology project (HTML/CSS/Java and PHP)

September 2020

Virtual platform to host a wedding plan with multiple options to choose from, budgets to play with and solving offline planning inefficiency.

### PERSONAL PROFILE

**Date of Birth** : 22 SEP 1999.  
**Permanent Address** : Balaji Nilaya, Anjani Extension, Chintamani-563125.  
**Languages Know** : Kannada, English, Hindi, Telugu  
**Hobbies** : Sports.

### DECLARATION

Hereby, I declare that all the above furnished information is true to the best of my knowledge and belief.

**Place:** Bangalore

**Date:**

(Shreya A)

