

# Anand Mahesh



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## Skills

**Programming Languages:** C, C#, Fortran 90, JAVA, Javascript, Python, Visual Basic, HTML, CSS, JS, NodeJs, Json, XML.

**Frameworks:** Android, Bootstrap, Material Design.

**Database:** Oracle SQL

**Tools:** Android Studio, Bootstrap Studio, C Panel, Docker, Git, GitHub, LaTeX, MS Office, Photoshop, Visual Studio. (Windows/Linux)

**Technical Skills:** Single Board Computer Programming, Website Development, Basic SEO, Networking, System/Server Building, Configuration and Maintenance, Multiprocessing, Parallel Processing, Computational Programming.

**Certifications:** Introduction to Git Github, Data Visualization, Video Basics With OpenCV, Command Line in Linux, Docker, Python, Python Data structures, Modern Application Development, Python Hand-on Solve 200 Problems, Python Data Structures, Command Line in Linux

## Work Experience

Feb'21-May'21 **Project Manager Intern**

[Bene LLC](#)

I was hired as a Python Developer for Bene LLC from Solera Life Science Pvt-Ltd. I was then promoted to be a project Manager Intern. I worked on managing the development of the company's online store, oversaw its SEO work, Hiring and managing Interns. I am currently focusing on its social media marketing campaign and will be responsible for meeting the company's the sales projections

Nov-Dec'20 **Freelance Software Developer**

[Comfytronics Pvt Ltd](#)

Worked on a drone surveillance for intrusion detection project which involved the creation of a software which checked the status of the drone, created a flight path for the drone to follow and then land safely at the origin point to perform an aerial sweep on the region of intrusion. This project involved working with C#, XAML, Drone Specific file formats, & Mavlink Protocol.

Jun-Aug'20 **Software Engineering Intern**

[AMX Innovation Pvt Ltd](#)

Worked on multiple projects such as the development and deployment of a customised Open-Source flight planner, Deployment of a customised aerial Mapping software and the creation of a custom Linux Distro for its distribution to users, Web designing, A Covid-19 Face mask detector optimised for Indian faces, training machine learning models, Building and deploying a NAS machine. My work involved working with technologies such as .NET, Visual Studio, C#, XAML, Docker, Python, HTML, CSS, Bootstrap, Javascript & Linux

Jan-May'20 **Research Volunteer**

[CSD, National Institute of Technology-Karnataka](#)

Worked on taking key concepts and experiments in thermodynamics and then programming them into an interactive web based experiment for Virtual Labs to be used as a learning tool by students with restricted access to labs. My work involved working with HTML5 (Canvas), CSS, Javascript and JQuery.

Dec-Jan'20 **Tutor**

[Bhat's Coaching Classes, Bangalore](#)

Tutored students of Grade 9, 11 & 12 in Physics And Computers.

Mar-Apr'19 **Research Intern**

[National Institute of Technology-Manipur](#)

Worked under Dr.Shagolsem Lenin Singh at the Soft Matter Physics Lab on writing a program to simulate using Monte-Carlo methods, the 1D & 2D Ising Model for large lattices and then scaled up the same program to simulate a Quasi-3D model in Fortran 90 & Python. A multiprocessor program was then made for the same to target an 80-Core Workstation.

**Web Developer**

[Freelance](#)

I offer web development services to small businesses. I create statically typed websites using CSS frameworks such as bootstrap4 with basic SEO features to aid their endeavors.

**Aerial Surveyor**

[Freelance](#)

I offer aerial mapping and aerial surveying services for real estate and waste management projects. This involves me being proficient in piloting an aircraft, working with GIS based Software such as QGIS, Working with GIS Based Technologies such as GeoJson,KML,KMZ, Writing Python Scripts and Deploying Open-source Software

## Projects

Feb-Jun'18 **MES Pinup**

[Google Play Store \[ Link \]](#)

A college resource sharing platform ( Android App ) for students and teachers alike which is currently being used by MES Degree College.

Since Mar'19 **Personal Projects**

[Github \[ Link \]](#)

The above link redirects you to all my personal projects which i have embarked upon on personal interest. These are updated regularly with Readme.MD files for the viewers ease of understanding. A lot of my projects are in Python which is my area of interest.

# Education

## MCA

Birla Institute of Technology - Jaipur  
2020-2022 (Pursuing)

## M.Sc Physics

National Institute of Technology -  
Manipur - 2019 (Discontinued)

## B.Sc Physics, Mathematics & Computer Science.

MES Degree College - 2018  
CGPA:6.57/10

## Class XII

Rashtrotthana PU College - 2015  
65.7 %

## Class X

Florence Public School - 2012  
80.5 Percent %

## Co-Curricular

Aug'19

### Conducted a Workshop

Conducted a 3 day hands on workshop titled "Introduction To Programming in Fortran90 " at MES Degree College.

Feb'18

### Paper Presentation

Presented a Paper on "A prospectus to curtail the unpredictability of the rate of change of WPI & CPI inflation by the employment of IoT, machine learning, deep learning and artificial intelligence" on RDA's 22nd International Conference on "Advancements and Challenges In Social Sciences & Business Management - Interdisciplinary Research and Practice".

Feb'18

Attempted and secured AIR 5752 in IIT-JAM.

Dec'18

Attended a Winter School in IIIT-B, titled 'Towards an inclusive Digital Society: Shaping the Agenda for Technology Design'

## Extra-Curricular

2015-2018

Cultural Coordinator , Design work for college events, Member and Coordinator for the College's Music team, Active NSS volunteer & attended two annual camps.

MES Degree College