Anand Mahesh

26 March 1997

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Skills

Programming Languages:
Bash, C, C#, Fortran 90, JAVA, Javascript, Python, Visual Basic, HTML, CSS, NodeJS.

Tech Stacks:
MERN (Pursuing), Full Stack Python.

Frameworks:
Android, Bootstrap, Tailwind, MDB, Flask.

Database:
Oracle SQL, SQLite

Tools:
Android Studio, Bootstrap Studio, C Panel, Docker, Git, LaTeX, Photoshop, Visual Studio.

Technical Skills:
SBC Programming, Web Development and Deployment, SEO, Networking, Server Building, Configuration and Maintenance, Multiprocessing, Parallel Processing, Computational Programming.

Certifications:
Induction 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

Dec'21-Present — Software Engineer — Comfytronics Pvt Ltd
Worked on Making POCs for some of the company's products and currently working on making an ERP system for one of their clients.

Feb'21-May'21 — Project Manager Intern — Bene LLC
Initially worked as a Python Developer where I worked on scrapers and crawlers to fetch data from competing companies.Used REST APIs and Selenium
I was then promoted to be a project Manager Intern where I worked on managing the development of the company's online store, oversaw its SEO work, Hiring of interns, planning and ensuring the completion of weekly tasks.

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 UAV flight planner, Deployment of a customised aerial Mapping software and the creation of a custom Linux Distro for it's distribution to their clients. I also worked on Web designing, Training and optimization of ML Models, Building and deploying a NAS machine. My work involved working with technologies such as .NET, 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. This involved working with HTML5 (Canvas), CSS, Javascript and JQuery.

Dec-Jan'20 — Tutor — Bhatś Coaching Classes, Bangalore
Tutored students of Grade 9, 11 & 12 in Physics And Computer Science.

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 the Ising Model using Monte-Carlo methods in 2D and Quasi 3D. This involded me working with just in time compilers, Multithreading and and parallel programming. The work was done mainly in Python and Fortran 90.

Web Developer — Freelance
I've offered web development services to small businesses, creating statically typed websites using CSS frameworks such as bootstrap4 with added SEO features to aid their endeavors.

Aerial Surveyor — Freelance
I offer aerial surveying services for real estate and solid waste management projects. This involves me being proficient in piloting a UAV, Working with GIS Based Technologies such as QGIS, GeoJson, KML, Writing Python Scripts and Deploying Open-source Software

Education ————

MERN Stack Development course
Masai School 2021-2022 (Pursuing)

MCA
Birla Institute of Technology - Jaipur
2020-2022 (Pursuing)
CGPA:8.1

M.Sc Physics
National Institute of Technology -
Manipur - 2019 (Discontinued)

**B.Sc Physics, Mathematics &
Computer Science.**
MES Degree College - 2018
CGPA:6.57

Class XII
Rashtrotthana PU College - 2015
65.7 %

Class X
Florence Public School - 2013
80.5 Percent %

Projects

Jan '22	RPi-Face-Recognition	Google Play Store [Link]
	A distributed system project which performs face recognition across the network on low cost, SOC devices Through API's	
Since Mar'19	Personal Projects	Github [Link]
	I constantly embark upon personal projects based on the topics of my interest, which I commit to GitHub	

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.	

Extra-Curricular

2015-2018	Elected Cultural Coordinator, Design work for college events, Member and then Coordinator for the College's Music team, Active NSS volunteer & attended two annual camps.	MES Degree College

Soft Skills

Can play musical instruments such as Drums,Djembe, Cajon and am a UAV pilot.