

ADITYA VYNATHEYA MAKER



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EDUCATION

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

Xebia Academy, Haryana.
2021 - Pursing (2024)

FAB ACADEMY

AKGEC, Ghaziabad.
2018 - 2018 (6 Months)
[Fab Academy Projects](#)

DESIGN INNOVATION CENTER (DIC)

Vigyan Ashram, Pune.
2017 - 2017 (6 Months)
[DIC Projects](#)

VIGYAN ASHRAM, PUNE — DIPLOMA IN BASIC RURAL TECHNOLOGY (DBRT)

Vigyan Ashram, Pune.
2014 - 2015
[DBRT Projects](#)

SOFT & HARD SKILLS

Teamwork
Problem-solving
Decision making
Management
Critical Thinking
Leadership
STEM Skills
CAD / CAM
Design
Prototyping
Troubleshooting
Manufacturing
SolidWorks
Budgeting
Technical Report Writing
Web Development
Open Source Exp

PROFILE

As a maker, I pride myself on being able to take an idea and turn it into a tangible reality. With skills encompassing a wide range of disciplines, from programming to woodworking, I bring versatility to the creative process. With 6 years of work experience, I have honed my craft and know what it takes to build something truly great. My passion for electronics and robots is unbreakable, and it shows in every project that I undertake.

EXPERIENCES

Present **Bhavitha High School, Kamareddy. ROBOTICS LAB MANAGER.**

- Responsible for maintaining the robotics lab in school.
- Created kit activities for the Grade Nursery to 10th.
- Content creation for grade [3rd](#), [4th](#), and [5th](#) ICT Books.
- Organizing workshops and events for students to encourage stem education.
- Prepare students for [Inspire Awards Manak 2022, 2023](#)
- Conducting Science Fair [Videos](#)

Organized the biggest event in Kamareddy. (Yantirmaan 1, Yantirmaan 2)

- Organized first Arduino and 3D Printing workshop in Kamareddy.

2022 - 2023 **3DI School, Hyderabad.**

SENIOR MANAGER - TECHNOLOGY.

- I'm responsible for maintenance the 3 schools in and around Hyderabad.
- Conducting classes related to electronics and python
- Content creation for workshops and training programs.

2020 - 2021 **Inqui-lab Foundation, Hyderabad.**

PROGRAM ASSOCIATE, WORKSHOPS & PROTOTYPING.

- My role is to design the content for workshops.
- SIJ (Student Ideator Journey) for multiple state students. conduct workshops and training programs,
- Organizing community-building events and meetups.

2019 - 2020 **Nature's Note, Bangalore.**

ADVISOR & DESIGNER.

- I was assisting the founder of the company in mechanical structures for honey and microgreens.
- Built different engineering structure for microgreens.
- Worked on few Marketing strategy in hotels, restaurants, etc.

2018 - 2019 **IKP Knowledge Park, Belgaum.**

MAKERSPACE MANAGER.

- I worked as a maker space manager.
- I'm responsible for management and maintenance of the makerspace.
- Onboarding new members/startups, conducting workshops and training programs.
- Organizing community building events and conferences, the makerspace operations, and promoting the hardware incubators that are being set up.
- For Reference:- [Click Here](#)

EVENTS ORGANIZED

YANYTRMAAN 1

BHAVITHA HIGH SCHOOL,
KAMAREDDY (PHOTOS)

YANYTRMAAN 2

BHAVITHA HIGH SCHOOL,
KAMAREDDY (PHOTOS)

VOLUNTEERING

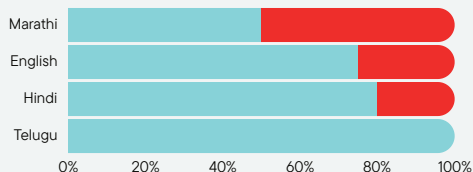
SIC - School Innovation Challenge 2020.

My key role was to support Teachers and students from government schools across Telangana.

GSS - Global Summer School 2018.

My role is to help the organizers team in pulling the event successfully. [IAAC CHANDIGARH](#)

LANGUAGES



2017 -2018 **Zios Makerspace, Chandigarh.**

MAKER, ASST MANAGER.

- Create, Design, Innovate, Generate, Build, Construct and Digitally Fabricate. This is what exactly defines ZIOS Makerspace.
- Created an infrastructure under our professional guidance for research and development on a project-to-project basis.
- Built Furniture, Design, Fabricate Products, Prototype, precision cut materials with our sophisticated equipment, and worked on experiments to capture one's imagination.

2016 -2017 **Thrive Solar Energy Pvt.Ltd, Hyderabad.**

TRAINER, ASST ENGINEER.

- Thrive Solar specializes in solid-state lighting (LED-based) products and solar-based power systems that help provide clean lighting, reduce carbon emissions and assure higher levels of productivity in rural and urban vocations.
- I was assisting the Senior Engineer in the company. and I learnt how to build the Solar Panels and I worked on SMD components with different Machines.
- Part of my job was to assist Marketing team in few areas.

2015 -2016 **Vigyan Ashram, Pune.**

SCHOOL COORDINATOR

- Set-up, maintenance and ongoing schools from class VIII-X std.
- IBT is recognized as a pre-vocational program (V-1) by the Government of Maharashtra
- Developing pipeline for by learning while doing method.
- various work activities in the area of Engineering, Energy – Environment, Agriculture-Animal husbandry, food processing – Home, and health.

PROJECTS

Projects in Fab Academy

[Principles And Practice](#)
[Project Management](#)
[Computer-controlled cutting](#)
[Electronics Production](#)
[3D Printing and Scanning](#)
[Electronics Design](#)
[Computer-Controlled Machining](#)
[Embedded Programming](#)
[Molding and casting](#)
[Input Devices](#)
[Output Devices](#)
[Interface And Application](#)
[Programming](#)

[Networking And Communication](#)

[Mechanical Design](#)
[Machine Design](#)
[Composites](#)
[Applications and Implications](#)
[Invention, Intellectual](#)
[Property, And Income.](#)
[Project Development](#)
[Project Garuda](#)

Projects in DBRT

[Aquaponics](#)
[Solar Water Heater](#)
[Electrical Bicycle](#)
[Onion powder manufacturing](#)

Projects in DIC

[Waterless Urinals](#)
[Manual, Portable, Foldable, Wheel Chair.](#)
[Ambient Temperature Dryer.](#)
[Non-electric Oxygen Enrichment Unit for Rural patients](#)
[Basundi Maker](#)
[Door Locking System Using Fingerprint Scanner](#)
Yantrmaan 1 Projects [List](#) (Photos/ Videos)
Yantrmaan 2 Projects List
[3rd ICT Book](#)
[4th ICT Book](#)
[5th ICT Book](#)

REFERENCES

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