

# Abbinav Prakash

I am a self-assured engineer whose obsession with science and technology started at a very early age, since then I have made it a habit to update myself with the latest gizmos and the principle behind these wonderful innovations. I bring creative management and problem-solving skills to the table and know how to go the "extra mile".



✉ abbinav.prakash2018@vitstudent.ac.in

☎ +91 9384615301

📍 Chennai, India

🌐 [linkedin.com/in/abbinav-prakash](https://www.linkedin.com/in/abbinav-prakash)

## EDUCATION

### B.Tech in Electronics and Communication Vellore Institute of Technology, Vellore

06/2018 - Present

8.54 CGPA

### Higher Secondary Chettinad Vidhyashram

06/2016 - 04/2018

91 %

### Secondary DAV School Adambakkam

04/2015 - 05/2016

9.4 CGPA

## EXPERIENCE

### Intern Oil and Natural Gas Corporation

01/2021 - 02/2021

*Achievements/Tasks*

- On-site Internship covering the IT and networking aspects used in large companies to connect all underlying branches.
- My basic task was to document all these concepts and analyze the scope of improvement.

### Intern Sify Technologies Limited

03/2021 - Present

*Achievements/Tasks*

- Training and project based internship which covers various legacy Network Architectures and cloud services provided in the industry.

### Co-Founder BOTception

08/2020 - Present

*A student Organization on a mission to simplify robotics for curious minds all over India for an affordable price.*

### HOR Event Coordinator/Core Committee Member RoboVITics

03/2019 - 01/2021

*Achievements/Tasks*

- As the event Coordinator, my task was to plan an entire workshop amidst the Covid 19 pandemic.
- My team and I were successfully able to get about 200 registrations which were almost double the usual number of participants.

### Lead Electronics Engineer Team Orcus (Combat Robotics Team)

05/2019 - Present

*Achievements/Tasks*

- Built and worked on Combat Robots ( 2 - 60 Kg combat robots, 1 - 15 kg combat robot ).
- Participated in International Robowars, Techfest 2k19, IIT, Mumbai ( An International Combat Robotics competition).

## SKILLS

C/C++

DSA

Deep Learning

Neural Networks

Robotics

Networking

Problem Solving

## PERSONAL PROJECTS

### Refreshable Braille Plate (09/2019 - 10/2019)

- A refreshable braille plate that makes life much easier for the blind and is also very cost-efficient. It makes use of an innovative concept to realize linear motion using screws and nuts.

### 3-D Mapping Drone (05/2019 - 07/2019)

- A 3-D mapping drone that uses the concepts of photogrammetry, Aerial photography, image processing to give a 3D rendering of the surroundings.

### Self-powered Patient Monitoring System using Triboelectric Nanogenerator (09/2018 - 05/2019)

- The proposed system converts mechanical triggering into a self-generated electrical signal for detection of body motion and physical movement by patients affected with leg paralysis.
- Selected for poster presentation in the International Conference of Nanotechnology and Nanoscience (ICNAN).

### Smart Crop Yield Prediction System With Mobile App (07/2020 - 09/2020)

- An IoT based project used to measure various soil aspects such as temperature, humidity, and CO2 values to predict the crop yield for a particular crop.

### Covid-19 Path Finder (03/2021 - 05/2021)

- An IOT based path prediction system that predicts the safest path a user can take minimizing your encounters with covid infested people using collected data.

## VOLUNTEERING EXPERIENCE

Youth Red Cross, VIT Vellore (11/2019 - 01/2021)

## CERTIFICATES

Certified in Neural Networks and Deep Learning by DeepLearning.ai (07/2020 - Present)

Certified in Introduction to IoT by Cisco Networking Academy (05/2020 - Present)

Deep Learning Specialization from deeplearning.ai (06/2020 - Present)

*CREDENTIAL: AFCRP9JBQ833 ( Includes completion of 5 courses based on Deep learning)*

HackerRank Gold badge in C++

## LANGUAGES

English  
*Native or Bilingual Proficiency*

Tamil  
*Native or Bilingual Proficiency*

Malayalam  
*Native or Bilingual Proficiency*

Hindi  
*Professional Working Proficiency*