

Vishaal S

STUDENT

✉ svishaalofficial@gmail.com 📞 6380520414 📍 Chennai, India

in <https://www.linkedin.com/in/vishaal-s-52686b294/> 🌐 <https://github.com/Vishaal-sathya>

SUMMARY

Actively learning, growing and seeking more challenges to expand my knowledge and experience so that I can positively impact and excel in any environment I'm put into

SKILLS

Python	● ● ● ● ●	Machine Learning	● ● ● ● ○
Microsoft Excel	● ● ● ● ○	Deep Learning	● ● ● ● ○
Flutter app development	● ● ● ○ ○	C	● ● ● ● ○
Game Development	● ● ● ○ ○	C#	● ● ○ ○ ○

EDUCATION

B.Tech Artificial Intelligence and Machine Learning
Rajalakshmi Engineering College *Nov 2022 - Present*

Higher Secondary
The Pupil Saveetha Eco School *Jun 2020 - Jul 2022*

ORGANIZATIONS

Core Member - CV Domain Associate
IEEE-CIS Student Chapter of REC *2023 - 2024*

The student chapter consists of different domains and each domain works on its own practical projects during its activity period.

PROJECTS

Iris Tracking Communication Aid for Paralyzed people

Mar 2024 - Apr 2024

- Developed an iris tracking software which helps people who are completely paralyzed (can only move their eyes), communicate.
- The software tracks their eye movements and also listens to the person they are having a conversation with.
- AI generates responses for them which they can select using eye movements. The response is spoken out loud via speaker.

Autonomous Underwater Vehicle for Defect Detection in Dams

Dec 2023 - Jan 2023

- Autonomous under water drone capable of detecting cracks, corrosion and abrasions in the concrete walls and metal constructions of dams.
- The Drone is also capable of localised repair of said corrosion or cracks through remote operation by a technician.
- The drone comes with its own software app which ensures ease of use and also enables the historic maintenance records.

Communication System for Disaster Relief Operations

Jun 2024 - Jul 2024

- Developed a resilient communication network which can be implemented during disaster times.
- The product consists of hand-crank powered communication unit which can be used to request resources through a mobile app.
- The unit is also capable of charging the mobile itself.
- The request is transmitted to the relief agencies, who also receive a supervision system which is part of the project.

CERTIFICATES AND ACHIEVEMENTS

2nd place - PSG iTech HackFest National Hackathon

1.5 lakhs in cash prize

Finalist - Smart India Hackathon

NPTEL Certification

Python for Data Science

LANGUAGES

English



Hindi



Tamil

