

Pranav Viswanathan

Chennai, Tamil Nadu, India

pranav.viswanathan11@gmail.com

09962430250

[linkedin.com/in/pranav-viswanathan-7976711b7](https://www.linkedin.com/in/pranav-viswanathan-7976711b7)

Summary

I'm Pranav, a third-year student at Vellore Institute of Technology, Chennai. I will be graduating in the fall of 2024 with a Bachelor's degree in Computer Science and Engineering with a Specialization in Cyber-Physical Systems.

Working with technology excites me and during my time at college, I worked on innovative and engaging projects with real-time implementations. I also really enjoy hackathons and have participated in several of them, learning new things in each. I love working on projects where I get to collaborate with people with varied specialties and personalities and I work well in a team.

The Internet of Things, Cyber-Physical Systems, and Machine learning are my fields of interest.

Proficient:

Programming Languages: Python, Cpp, C, Java, Dart (Flutter App Dev)

Frameworks:

Backend: Flask, Django, Spring

API: Flask-RESTful, FASTApi

Databases: MySQL, OracleDB, Postgres, MariaDB

Cloud Platform: Heroku

Knowledgeable:

Programming Languages: Javascript, Python (Data Science and Machine learning)

Frameworks: FARM

Databases: MongoDB

Cloud Platform: Google Cloud

Experience



Web Development and Technical Department Member

CYSCOM VIT Chennai

Dec 2020 - Present (2 years 1 month +)



Open Source Development Member

Google Developer Student Club, VIT Chennai

Sep 2021 - Present (1 year 4 months +)



Postman Student Expert

Postman

Nov 2021 - Present (1 year 2 months +)



Hacktoberfest 2022 Contributor

DigitalOcean

Oct 2022 - Oct 2022 (1 month)



Interim Technical Department Head

CYSCOM VIT Chennai

May 2022 - Aug 2022 (4 months)



Contributor

GirlScript Winter of Contributing

Aug 2021 - Dec 2021 (5 months)

I contributed the GirlScript Winter of Contributing by contributing to their Backend using Python Repository on Github



Member

AUVSI Chennai

Nov 2020 - Dec 2021 (1 year 2 months)



Hacktoberfest 2021 Contributor

DigitalOcean

Oct 2021 - Oct 2021 (1 month)

Participated in a HacktoberFest 2021 by contributing to GitHub Repositories during the month-long open source festival conducted by DigitalOcean.



HacktoberFest 2020 Contributor

DigitalOcean

Oct 2020 - Nov 2020 (2 months)

Participated in a HacktoberFest 2020 by contributing to GitHub Repositories during the month-long open source festival conducted by DigitalOcean.


Education




Vellore Institute of Technology


B.Tech, Computer Science and Engineering with Specialization in Cyber Physical Systems
Sep 2020 - 2024


Licenses & Certifications

 **Java SE 8 Developer Bootcamp** - Udemy
UC-1420e1b2-b2d2-43c9-b6b3-76cd1d340164


 **Python For Beginners** - Udemy
UC-436b20d7-d64b-49ff-b278-5efd750f7561

 **Arduino Workshop** - Udemy
UC-9cd90725-977c-4cc1-a462-862a793bbc9d

 **Hacktoberfest 2020** - DigitalOcean
hacktoberfest-2020

 **Python** - HackerRank
9FF11843E2AA

 **4.0 Tech 101 Certificate** - iB Hubs
QVS4ZDZX9S

 **Machine Learning-OpenCV based IoT using Raspberry Pi** - Udemy
UC-a8c0eeba-c66a-4fe7-8f10-5be02ad05950

 **Tetraflip 2021 Organizer Certificate** - CYSCOM VIT Chennai
21040006481000046

 **Tetraflip Finalist Certificate** - CYSCOM VIT Chennai
2104006476100057

 **Google Cloud Essentials** - Google
1193085

 **Create and Manage Google Cloud Resources** - Google
1202399

 **Postman Student Expert** - Postman

 **Hacktoberfest 2021 Contributor** - DigitalOcean

 **HackKnight Hackathon** - HackClub VIT Chennai
32854dca-c95d-4ead-b521-f08102fd7fd9

 **Hacktoberfest 2022 Contributor** - DigitalOcean
cla1snnr822020817he9lqatr

Skills

MySQL • Python • Java • Flutter • GitHub • C++ • Arduino • Python (Programming Language) •
Cascading Style Sheets (CSS) • HTML5

Honors & Awards

Tetraflip Hackathon Finalist - OWASP VIT Student Chapter and Android Club VITC
May 2021

Me and my team made it to the final round of the Tetraflip 2021 hackathon and got to the top 8 teams of the competition during the 48-hour hackathon organized by OWASP VITC and the Android club VITC.