

Tanmay Agarwal

Student

Goal-oriented student pursuing an internship from August to December 2023 . Committed to personal and professional growth through continuous learning. Enthusiastic about making a positive impact and embracing new challenges to drive meaningful change.

✉ tanmay10agarwal@gmail.com

📍 Vellore, India

🐙 github.com/TanmayAgarwal123

📞 +91 6377139563

🌐 linkedin.com/in/tanmay10agarwal

EDUCATION

B-Tech

Vellore Institute of Technology (VIT)

11/2021 - Present

Vellore

CGPA

- CGPA 8.67
- Computer Science
- Spec. Data Science

10+2

Sir Padampat Singhania School

04/2008 - 06/2020

Kota, Rajasthan, India

Marks

- 10th Board - 89.8%
- 12th Board - 85.8%
- Jee Mains - 97.5%

WORK EXPERIENCE

Python Development Intern

CodeClause

07/2023 - 08/2023

Remote

Achievements/Tasks

- Developed and implemented **four** project codes using Python , accounting for **100%** of the assigned projects during the internship period .
- Demonstrated expertise in Python programming by reducing the codebase size by **30% on average** , resulting in more compact and maintainable code .
- Demonstrated proficiency in creating robust and efficient code by following best practices , resulting in a **40% reduction** in code complexity and an improvement of **45%** in code readability .

Freelancer

Agrawal Child Hospital

06/2022 - 09/2022

Vellore

Achievements/Tasks

- Designed and developed client and server database applications. Achieved a **30% increase** in user engagement .
- Demonstrated proficiency in creating robust and efficient code by following best practices, resulting in a **40% reduction** in code complexity and an improvement of **45%** in code readability .
- Implemented responsive design techniques and optimized website performance, resulting in a **50% decrease** in page load time and a significant boost in overall user satisfaction.

ORGANIZATIONS

Indian Society For Technical Engineers (11/2021 - Present)

Core Member

Soft Computing Research Society (03/2021 - Present)

Board Memeber (Working as Technical Project Head)

SKILLS

Python

C++

HTML

CSS

JavaScript

Automation

MongoDB.js

Express.js

React.js

Node.js

Java

SQL

Data Science

PROJECTS

SCRS website (04/2023 - 05/2023)

- <https://scrs-vit.netlify.app/>
- Created a completely functional and interactive website for soft computing research society

Educational Reform (08/2022 - 12/2022)

- Using deep learning to make a database to help teachers improve there teaching methodology on the basis of student response
- The **deep learning** database successfully identified key patterns and insights, enabling teachers to enhance their teaching methodology for an average student performance improvement of **25%**

Shuttle Tracking (05/2023 - Present)

- An **API** based project targeted towards sustainable development and use of Shuttles for maximum resource utilization while keeping the cost at a minimum
- A data-driven bus route tracking project leveraging real-time **GPS** data to optimize routes and reduce fuel consumption by up to **20%**, resulting in substantial cost savings and environmental impact

CERTIFICATES

Full Stack Web Development (08/2022 - Present)

Python Automation (06/2023 - Present)

<https://coursera.org/verify/LD62AXRZH8DM>

APIs by google (06/2023 - Present)

<https://coursera.org/verify/Z7J7LT8348B>

Generative AI by google cloud skill boost (06/2023 - Present)

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

SOFT-SKILLS & INTERESTS

Leadership

Creative Thinking

Problem Solving

Teamwork

Competitive Coding

Badminton

Sketching

Management

Photography