Tanmay Agarwal

Bachelor of Technology
Computer Science Engineering
Vellore Institute of Technology, Vellore

+91-6377139563
tanmay10agarwal@gmail.com
https://github.com/TanmayAgarwal123
https://www.linkedin.com/in/tanmay10agarwal/
https://tanmay.site/

SUMMARY

As an ambitious student from India, my insatiable thirst for knowledge drives me to make a profound impact on society. With an unwavering commitment to continuous learning, I eagerly embrace new challenges as thrilling opportunities for innovation and change.

EDUCATION

Degree	Institute	Board / University	CGPA/Percentage	Year
B.Tech CSE	Vellore Institute of Technology, Vellore	VIT, Vellore	8.72 (Till 5th Sem)	2021-2025
Senior Secondary	Sir Padampat Singhania School, Kota	CBSE	85%	2020
Secondary	Sir Padampat Singhania School, Kota	CBSE	90%	2018

EXPERIENCE

- **SEO and Generative AI Intern** — *Aug 2023 - Sept 2023*
  Pro Start Me Technologies Pvt. Ltd. — Surat
  - Contributed to an automated reporting tool, cutting reporting time by 54%.
  - Competitor analysis resulted in 45% ranking improvement.
  - Improved meta titles and descriptions, increasing organic search CTR by 30%.

- **CodeClause** — *July 2023 - July 2023*
  Python Development Intern — Remote
  - Implemented 4 projects, covering all the tasks during the internship.
  - Showcased skill by decreasing code size by 30%, leading to more streamlined code.

PROJECTS

- **3D Portfolio website** — *Dec 2023 - Dec 2023*
  Self Project — **https://tanmay.site/**
  - Created a completely 100% functional and interactive 3D website.
  - Utilized state-of-the-art technologies including React, Node.js, Express, Three.js, Email.js, and various other tools to drive successful project development and achieve optimal results.

- **Full Stack Social Media App - Snapgram** — *Dec 2023 - Dec 2023*
  Self Project — **https://snapgram101.netlify.app/**
  - Built a Social Media App, allowing users to share photos and connect with friends in a familiar social media environment.
  - Leveraged technologies such as React JS, Appwrite, Tailwind CSS, React Query, and other advanced tools.

- **Figma Clone** — *Aug 2022 - Dec 2022*
  Self Project — **https://figpro.netlify.app/**
  - Designed and implemented a project aimed at enhancing teaching methodologies by analyzing student responses, contributing to the improvement of educational practices by atleast 50%.
  - The deep learning identified crucial patterns, helping teachers refine their methods, boosting student performance by 23%.

- **EnRoute - Shuttle Tracking** — *Mar 2021 - Apr 2021*
  Group Project — **Github**
  - An API project enhanced shuttle sustainability, boosting resource use by 30% and cutting costs.
  - Used real-time GPS data to streamline routes and cut fuel use by 20%, leading to reduced cost and environmental footprint.

- **100 day 100 projects** — *Nov 2023 - Present*
  Self Challenge — **Github**
  - Engaged in daily Python coding exercises, approximately 1 project per day.
  - Developing skills like DSA, CP, API integration, data manipulation and many more.
  - Utilized Python for diverse projects, leveraging key libraries to solve real-world problems, totaling around 600 coding hours.

SKILLS

- **Programming Languages**: Python, C/C++, HTML, CSS, JavaScript, Java
- **Tools and Frameworks**: ChatGPT, Jupyter, Visual Studio, MongoDB, Express, React, Node, threejs, emailjs, vite
- **Operating Systems**: Windows, Linux & Android
- **Other Technical Skills**: Automation, SEO, AI/ML, Data Science, Full Stack Web Dev
- **Soft Skills and Interests**: Competitive Coding, Creative Thinking, Problem Solving, Teamwork, Leadership, Badminton, Sketching, Management, Photography

Key courses taken

- **CSE**: Python, Java, Software Engineering, Data Structures and Algorithms, Database Systems, Operating Systems, Computer Networks, Artificial Intelligence, Programming for Data Science, Information Security Management, Advanced Competitive Coding, Design and Analysis of Algorithms
- **Maths**: Calculus, Differential Equations, Complex Variables and Linear Algebra, Discrete Mathematics and Graph Theory, Probability and Statistics, Cryptography
- **Others**: Principles of Management, Basic Electrical Engineering, Technical English Communication, Embedded Systems, Digital Systems Design, Microprocessors and Microcontrollers

Certifications

- **Software Engineer Certificate** Hackerrank
- **Introduction to Google SEO** Coursera and Google
- **Introduction to APIs in Google** Coursera and Google
- **Automating Real-World Tasks with Python** Coursera and Google
- **AWS Academy Cloud Foundations** AWS
- **Generative AI Fundamentals** Google Cloud
- **Cloud Digital Leader** Google Cloud
- **Introduction to Generative AI** Google Cloud
- **Public Speaking** NPTEL

Positions of Responsibility

- **Technical Project Head**, SCRS Chapter, VIT vellore — *Apr 2023 - Present*
- **Core Member**, CodeChef, VIT vellore — *Mar 2023 - Present*
- **Intern Project Lead**, ProStartMe, Surat — *Aug 2023 - Sept 2023*
- **Core Member**, ISTE Chapter, VIT vellore — *June 2022 - Apr 2023*
- **Core Member**, Mozilla Firefox, VIT vellore — *June 2022 - Apr 2023*
- **Core Member**, Apples Developers Soceity, VIT vellore — *Jan 2023 - Apr 2023*

Achievements and Activities

- **Youtube**, Created a successful YouTube channel: Pysphere — *2023*
- **Like_an_artist**, Established a dedicated profile showcasing my drawings and sketches. — *2023*
- **SIH hackathon**, Participated, and team got selected from the college round — *2023*
- **Chess**, State level player in chess — *2018*
- **Olympiads**, Received numerous awards in various international olympiads such as IMO, ISO, ICO, etc. — *2008-2020*

Some Other Projects

- **Full Stack Threads Clone**
- **Full Stack Social Media Website**
- **Full Stack Figma Clone**
- **Workout Tracking App**
- **Love**
- **Pan Card Tempering Detector**
- **Turtle Crossing Game**
- **Simon Game**
- **Cricket Simulation**
- **Portfolio**
- **Plagiarism Checker**
- **Voice Assistant**
- **Wildlife Ecology quiz help**
- **Indian States Naming Quiz**
- **Pomodoro App**
- **Stock Market Management**
- **Multi Language Teacher**