

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	8.68 (Till 5th Sem)	2021-2025
Senior Secondary	Sir Padampat Singhanian School, Kota	CBSE	85%	2020
Secondary	Sir Padampat Singhanian School, Kota	CBSE	90%	2018

EXPERIENCE

- **SEO and Generative AI Intern**

Pro Start Me Technologies Pvt. Ltd.

Aug 2023 - Sept 2023

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**

Python Development Intern

July 2023 - July 2023

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**

Self Project

Dec 2023 - Dec 2023

<https://tanmay3dportfolio.netlify.app/>

– Created a completely functional and interactive 3D website.

– Used latest Technologies like react, node, express, three js, emailjs and many more.
- **Full Stack Social Media App - Snapgram**

Self Project

Dec 2023 - Dec 2023

[https://github.com/TanmayAgarwal123/social\\_media\\_app/](https://github.com/TanmayAgarwal123/social_media_app/)

– Built a Social Media App, allowing users to share photos and connect with friends in a familiar social media environment.

– Used latest Technologies like React JS, Appwrite, Tailwind CSS, React Query and many more.
- **Educational Reform**

Self Project

Aug 2022 - Dec 2022

– Designed and implemented a deep learning-powered database aimed at enhancing teaching methodologies by analyzing student responses, contributing to the improvement of educational practices.

– The deep learning identified crucial patterns, helping teachers refine their methods, boosting student performance by 23%.
- **EnRoute - Shuttle Tracking**

Group Project

Mar 2021 - Apr 2021

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**

Self Challenge

Nov 2023 - Present

Github Link

– 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

• **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:** Computer Programming: Python, Introduction to Engineering, Structured and Object-Oriented Programming, Computer Programming: Java, Data Structures and Algorithms, Design and Analysis of Algorithms, Computer Architecture and Organization, Theory of Computation, Database Systems, Operating Systems, Compiler Design, Computer Networks, Information Security Analysis and Audit, Advanced Competitive Coding
- **Maths:** Calculus, Differential Equations and Transforms, Complex Variables and Linear Algebra, Discrete Mathematics and Graph Theory, Probability and Statistics
- **Others:** Principles of Management, Engineering Chemistry, Basic Electrical Engineering, Quantitative Skills Practice, Basic Electronics, Technical English Communication, Ethics and Values, Engineering Physics, Environmental Sciences, Digital Systems Design, Technical Report Writing, Microprocessors and Microcontrollers, Wildlife Ecology ,Advanced Competitive Coding

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

• <b>Technical Project Head</b> , SCRS Chapter, VIT vellore	<i>Apr 2023 - Present</i>
• <b>Intern Project Lead</b> , ProStartMe, Surat	<i>Aug 2023 - Sept 2023</i>
• <b>Core Member</b> , ISTE Chapter, VIT vellore	<i>June 2022 - Apr 2023</i>
• <b>Core Member</b> , Mozilla Firefox, VIT vellore	<i>June 2022 - Apr 2023</i>
• <b>Core Member</b> , Apples Developers Soceity, VIT vellore	<i>Jan 2023 - Apr 2023</i>

ACHIEVEMENTS AND ACTIVITIES

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

ALL OTHER PROJECTS

- **Full Stack Threads Clone:** [GitHub Link](#)
- **Full Stack Instagram Clone:** [GitHub Link](#)
- **Hangman Game:** [Link](#)
- **Love:** [Link](#)
- **Pan Card Tempering Detector:** [GitHub Link](#)
- **Snake Game:** [GitHub Link](#)
- **Turtle Crossing Game:** [GitHub Link](#)
- **Quiz Project:** [GitHub Link](#)
- **Pong:** [GitHub Link](#)
- **Simon Game:** [Link](#)
- **Cricket Simulation:** [GitHub Link](#)
- **Portfolio:** [Link](#)
- **Plagerism Checker:** [GitHub Link](#)
- **Music Player:** [GitHub Link](#)
- **Voice Assistant:** [GitHub Link](#)
- **Wildlife Ecology quiz help:** [Link](#)
- **Indian States Naming Quiz:** [Github Link](#)