

Saigovardhan Sasanapuri

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#) | [Kaggle](#) | [LeetCode](#) | [CodeForces](#) | [CodeChef](#)

Summary

Computer Science undergraduate at Vellore Institute of Technology with internship experience in frontend development, UI/UX design, and software engineering at Connex AI and ThinkSmart Systems. Built AI, Machine Learning, Computer Vision, NLP, and Data Analytics projects using Python, Scikit-learn, OpenCV, SQL, and Streamlit. Passionate about developing intelligent, data-driven applications that solve real-world problems.

Technical Skills

Languages: SQL, C++, Java, Python, c#

Data Analysis: Pandas, NumPy, Power BI, Excel, Matplotlib, Seaborn, Statistics

Machine Learning: Scikit-learn, OpenCV, YOLOv8, Natural Language Processing (NLP), OCR, Whisper, spaCy

Databases: SQL Server, MongoDB

Tools & Platforms: Jupyter Notebook, ASP.NET, AWS, Flask, Git, Azure AI, Figma

Experience

AI Product Designer & Frontend Developer Intern | *Connex AI, USA (Remote)* *Sept 2025 – Present*

- Designed **50+ UI screens**, wireframes, and interactive prototypes for AI-driven healthcare web and mobile applications using Figma.
- Collaborated with frontend developers by providing design specifications and reusable UI components.
- Improved usability through responsive, user-centered interface design.

Software Developer Intern | *ThinkSmart Systems Pvt. Ltd., Pune (Onsite)* *May 2025 – June 2025*

- Built RESTful APIs using ASP.NET Core (C#) and worked extensively with structured datasets in SQL Server, following MVC architecture.
- Designed normalized database schemas and optimized SQL queries, improving data retrieval performance.
- Collaborated with the development team to debug, test, and deploy backend features, ensuring reliable application performance.

Projects

TrafficAI – AI-Powered Traffic Violation Detection System (YOLOv8, OpenCV, OCR, Python) | [GitHub](#)

- Built a real-time computer vision model detecting helmet absence, triple riding, and mobile phone usage with high accuracy.
- Automated challan generation and built an admin monitoring dashboard from detection data.

ClarityCoach – AI Speech Analytics Platform (Whisper, spaCy, NLP, Flask, Python) | [GitHub](#)

- Built an NLP pipeline for speech-to-text conversion, grammar checking, and fluency analysis.
- Integrated text-to-speech (TTS) and interactive speech evaluation for user feedback.

WhatsApp Conversation Analyzer – Data Analytics Dashboard (Python, Streamlit) | [Live Demo](#)

- Performed sentiment analysis and engagement analytics, visualizing chat trends with interactive charts.

Tuition Classes Management System – Full-Stack Educational Platform (.NET, C#, SQL Server) | [GitHub](#)

- Built RESTful APIs and a SQL Server-backed platform for student, course, attendance, and fee management.

Education

B.Tech, Computer Science | *Vellore Institute of Technology, Chennai* *Sept 2022 – July 2026*

CGPA: 9.02 | Relevant Coursework: Machine Learning, Artificial Intelligence, Database Systems, Probability & Statistics, Operating Systems, OOPS, Data Structures, Business Analytics, Compiler Design, Software Engineering.

Certifications & Achievements

- Microsoft Certified: Azure AI Engineer Associate (AI-102) – [Link](#)
- Udemy FullStack Web development Bootcamp – [Link](#)
- JP Morgan Chase – Software Engineering Job Simulation (Forage) – [Link](#)
- Top 5 among 70+ teams, *Mission: Data Impossible* – Kaggle ML and Cryptography Hackathon (IEEE Society)
- Built and deployed a secure hospital file transfer system (encryption/decryption) at Medi-Thon 2024
- 4th place among 30+ teams, UI/UX Designathon – presented the "Female Bus Reservation" solution using Figma