Venkata Chanakya Samsani

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[Venkata Chanakya Samsani - LinkedIn](#) | [My Portfolio](#)

SUMMARY

Driven and technically proficient Data Science student with expertise in data analysis, machine learning, and project management. Demonstrates strong skills in cross-functional communication, problem-solving, and collaboration. Seeking a dynamic role where data-driven insights and analytical skills contribute to business success.

ACADEMIC QUALIFICATION

University of New Haven | West Haven, CT
Master's of Science in **Data Science** | CGPA: 3.61/4.00; 2023 - 2025

Amity University | Noida, India
Bachelor's of Technology in **Computer Science Engineering** | CGPA: 7.14/10; 2017 – 2021

TECHNICAL SKILLS

- **Programming:** Python, C/C++, SQL
- **Project Management Tools:** Mantis Tracker, Trello, Microsoft Teams
- **Data Analysis & Visualization:** Power BI, MS Excel
- **Software Development Life Cycle (SDLC):** Requirements gathering, documentation, design, testing, and maintenance.

PROFESSIONAL EXPERIENCE

Graduate Trainee Engineer, **ANR Software, Noida** — Jan 2021 – Feb 2022

- Managed project requirements gathering and product enhancement requests for web and mobile applications, working with USA-based clients and team members in Agile environments.
- Planned, tested, and coordinated production releases using Agile methodologies, ensuring accurate data flow designs and basic development models.
- Conducted regular client and internal team meetings to oversee project progress and manage engineering change requests (ECRs) and statements of work (SOW).
- Collaborated closely with cross-functional teams to translate business requirements into functional deliverables.

ACADEMIC PROJECT

University of New Haven | West Haven, CT
Edu Predict Tool – AI-powered Forecasting System for International Enrollment. | Feb 2025 - May 2025

- Developed the "Edu Predict Tool" using ML models (LightGBM, XGBoost, ARIMA, LSTM) and Power BI to forecast international student enrollment under various scenarios, following the CRISP-DM methodology and enabling data-driven decision-making for university planning.

Amity University | Noida, India
AVES - An Assistive Vision Enhancing System for People with Visual Loss. | Jul 2020 - May 2021

- Review of existing research papers and technology, collection of data sets, analysis and training, documentation of results achieved, and presenting the project to professors.

Amity University | Noida, India
Customer Segmentation using Machine Learning. | Apr 2020 - May 2020

- Learn about Python, Machine learning and it's segmentation types; collection of data, analysis and training, documentation of results achieved, and presenting the project to professors.

PUBLICATIONS & CERTIFICATIONS

- **"CAPture: A Vision Assistive Cap for People with Visual Impairment"** *2021 8th International Conference on Signal Processing and Integrated Networks (SPIN), Noida, India*, pp. 692-697. DOI: [10.1109/SPIN52536.2021.9565940.](#)
- **"A Low-Cost and Enhanced Assistive Environment for People with Vision Loss"** *Advanced Computing and Intelligent Technologies, Springer, Singapore*, Vol. 218. DOI: [https://doi.org/10.1007/978-981-16-2164-2_20](#).
- NPTEL Online Certificate - The Joy of Computing using Python. — Jul 2019 – Oct 2019
- Certificate of Completion of C/C++ Training Program. — Apr 2022 – Jul 2022

CAMPUS INVOLVEMENT

- Member Service Attendant at Beckerman Recreational Center, UNH — May 2024 – May 2025