

EDUCATION

GKD Matric higher secondary School
Coimbatore, TN

Elementary to High School Graduation, **Finals: 81.81%**

Awards: Inter zone Hand Ball under 13&15(1st place out of 20 teams), Multiple Quiz & chess championships'

Notable works: President of Hardcore Quiz Club and founded "MAZE QUIZ CORP" an E-learning platform.

Coimbatore

2007-2021

SNS College of Engineering

*Bachelor of Technology in Artificial Intelligence and Data Science, **Cumulative GPA: 7.52/10***

GDSC SNS College of Engineering Core member and organizer.

Coimbatore, India

2021-2025

WORK EXPERIENCE

MindFulAI

Python Backend Developer Intern

- Contributed to Video Sync AI development and implementation at MindFulAI.
- Collaborated with a team to automate lip-syncing in video production.
- Enhanced storytelling authenticity and realism through seamless audio-visual synchronization.

Coimbatore

Jan - Apr 2023

Kodacy

Robotics - Summer Intern

- Developed skills in data wrangling, statistical analysis, and machine learning techniques during the internship.
- Collaborated with the accomplished team at Kodacy to contribute to data-driven ML models.
- Applied machine learning and data science concepts to create tangible impact in the team.

Remote

May- Jun 2023

Oasis InfoByte

Data Science Intern

- Explored key aspects, including delving into data for meaningful pattern discovery, creating predictive models based on historical data, machine learning algorithms for smarter data-driven decision-making.
- Studied about gaining a deeper understanding of data significance through statistical analysis.

Remote

Aug - Oct 2023

Codsoft

Artificial Intelligence Intern

- Applied advanced machine learning algorithms, such as neural networks and ensemble methods, to analyze and derive actionable insights from complex datasets, showcasing expertise in machine learning (ML) techniques.
- Collaborated with cross-functional teams to develop and deploy predictive models for real-world applications, demonstrating strong teamwork and communication skills in the Field of artificial intelligence (AI) and data science.

Remote

Oct- Nov 2023

SKILLS & INTERESTS

- Computer Languages: Python, C#, Julia, HTML/CSS, JavaScript, MATLAB.
- Frameworks: .Net, ReactJS, Streamlit.
- Developer Tools: Git, MongoDB, PyCharm, MySQL Server, Vertex-AI.
- Libraries: Pandas, NumPy, Matplotlib, OpenCV, SciKit-learn, TensorFlow.
- Language: English, Tamizh, French & Japanese (Elementary)

PROJECTS

Better Call Saul / Python, PyCharm, HTML/CSS

[GitHub Repo](#)

- Developed "Better Call Saul (LawyerGPT)," an AI-driven legal advice generator, providing legal queries.
- Enhanced legal advice accuracy in the ML Model by using advanced AI and Neural Networks for query processing.
- Engineered an interactive legal advice platform, utilizing a pre-trained dataset from the Indian Penal Code.

Insyt - Data Analysis Tool | Python, Streamlit, Matplotlib

[GitHub Repo](#)

- Insyt is a Streamlit-based application for performing classification and regression tasks on datasets Built on Collaboration.
- Built the entire backend using Python with Streamlit Framework.
- Engineered for performing Machine learning Analysis like classification and regression and visualizing using Matplotlib.

PUBLICATIONS

Ai-enhanced cybersecurity: fortifying digital entities with Turing test integration Published Via International Journal For Science And Advance Research In Technology (IJSART)

Research Experience

Backdrop Labs

Research Scientist

Remote

Sept 23- present

- Serve as a dedicated Research scientist for Backdrop Labs, participating in projects focused on AI\ML and NLP exploration
- Employ advanced ML Models to analyze and interpret data, providing valuable insights that contribute to the understanding of patterns and create new ML models.

Zooniverse

Citizen Scientist

Remote

Jul 23-present

- participation on Zooniverse, contributing to multiple stages of the CERN New particle research process.
- Demonstrated expertise in particle physics by contributing to Stage 2 of the project, identifying signatures of known particles within the ATLAS detector.

Courses & Certification

GenAI and Fine Tuning from **Intel**

GenAI Study Jams from **Google**

MATLAB Onramp from **MATLAB**

NLP and Deep learning from **Prepinsta**

Prompt Engineering from **Coursera**

Python for Data science and ML from **IBM**

Julia for Data science and ML from **Julia Academy**

Volunteer Works

- Taught French language fundamentals to students in a cross-disciplinary initiative at SNS college of Technology for a duration of 15 days.