

# SHARLI S

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## EDUCATION

Sri Manakula Vinayagar Engineering College

B.TECH – ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Expected Graduation: June 2026

CGPA: 9.31 / 10

Puducherry, India

ST PATRICK HR SEC SCHOOL

HSC - 93% (2021-2022)

Puducherry, India

ST PATRICK HR SEC SCHOOL

SSLC - 92% (2019-2020)

Puducherry, India

## SKILLS

Programming Languages:

Java, Python, C

Web Development:

HTML, CSS, JavaScript, ReactJS,

Bootstrap, SQL

Area of Interest:

Machine Learning • UI / UX

Soft skills:

Leadership • Problem Solving

Co-curricular Experiences/Hobbies:

Volunteer/Member in GDSC, Member in

Infinity AI club, Singing

Linguistic Proficiency:

Tamil (Mother Tongue), English

## CERTIFICATIONS

AWS Academy – Altair Data Science

AWS Academy Graduate - Data Analytics

SkillRack – C, Python, Data Structures, SQL

Infosys Springboard – ML, NLP, Java,

Python

## ACHIEVEMENTS

2024 Winner Project Expo

2023 Winner Science and Technology Quiz

2022 Winner Technical Connection

2024 Semi-Finalist in National Level Gen AI

Hackathon

## CAREER OBJECTIVE

Motivated Artificial Intelligence and Data Science graduate with strong technical foundations and eager to contribute to organizational success through innovative problem-solving while continuously expanding professional competencies. Committed to leveraging academic knowledge and project experience to deliver value and grow with a forward-thinking company.

## PROJECTS

### LUNG CANCER DETECTION USING QML

Role: Developer (Front-end Developer and Integration) 02/2025 - 05/2025

- Tech Stacks: HTML, CSS, JavaScript, Flask, QML, Cohere, Yolo V11
- Developed a lung cancer detection platform using Deep Learning and Quantum Machine Learning (QML) for early diagnosis and personalized treatment. Contributed to front-end development, integrated QML models and backend, and researched symptom-based risk prediction.

### VIRTUAL DATA ANALYST

Role: Lead Developer (Front-end Developer, Informatica Integration)

12/2024 - 1/2025

- Tech Stacks: ReactJS, Streamlit, Python, Informatica, MySQL
- Developed a data analyst platform with a chat-based interface, automating data preprocessing, ML model selection, and visualization. Supports CSV/MongoDB imports data from informatica services and delivers interactive dashboards for decision-making. Worked on front-end development, implemented MySQL for data management, and integrated Informatica services for efficient data integration.

### VIRTUAL CLASSROOM WITH AUTOMATED SUMMARISATION

Role: Lead Developer (Front-end Developer) 08/2023 – 09/2023

- Tech Stacks: ReactJS, Tailwind CSS, Python, Flask, Gemini API
- Developed a Virtual Meeting Platform enabling seamless meetings for virtual learning, enabling effortless connections and automatic meeting summaries sent to the host's email for efficient record-keeping. Developed the entire meeting conference platform setup using React.js, ensuring a smooth user experience and real-time communication.

### PERSONALIZED HEALTH PLANS

Role: Developer (Front-end Developer, Model building) 11/2024 - 1/2025

- Tech Stacks: HTML, CSS, JavaScript, ML, Streamlit, OCR
- Developed a platform that processes patient reports in various formats (PDF, Word, etc.) using OCR to extract content. It analyzes detected levels from the reports, predicts potential diseases using a trained model, and suggests personalized diet plans accordingly. Worked on front-end development and built the predictive model using disease datasets.

## INTERNSHIPS

### CLIENTS BRIDGE INTERNSHIP

Nov 2024 - Jan 2025

- New Startup for connecting company with freelancer built using MERN Stack.
- Learnt to build responsive website in ReactJS according to the client's requirement.