

SHARANYA SAHA

Software Engineering Undergraduate

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[GitHub](#) | [Linkedin](#) | [LeetCode](#) | [Portfolio](#)

EDUCATION

Vellore Institute of Technology

Degree in Integrated MTech. Software Engineering
CGPA: 8.50

Vellore, Tamil Nadu

2020 - 2025

Ashok Hall Girls' Higher Secondary School

Senior Secondary, PCMB
Percentage: 87.16%

West Bengal, India

2018 - 2020

EXPERIENCE

Apt Software Avenues (P) Ltd. | AI/ML Intern

West Bengal, India | May 2023 - Jul 2023

- Spearheaded the development of an AI/ML project, "An Approach to Create Structured Data Sources from Semi-Structured/Unstructured Text using NLP", achieving a 95% accuracy in entity recognition from over 1,000 documents.
- Enhanced document analysis efficiency by 80% through the deployment of a user-friendly web application, leveraging Python, SpaCy, and Streamlit.

SKILLS

Programming Languages: Python, Java, Spacy, R, HTML, CSS
Libraries/Frameworks: Javascript, React, Flask, Tensorflow
Tools / Platforms: Apache Spark, Hadoop, PostgreSQL, Git, Jupiter Notebook
Databases: MySQL, Oracle SQL, MongoDB

PROJECTS / OPEN-SOURCE

News Research Tool

Longchain, LLM, Open API, Streamlit, Python, Pandas, Matplotlib/Plotly, API Integration, NLP

- Utilized Longchain LLM Open API, Streamlit, and Python to design a News Analysis Platform, processing 5,000+ articles with advanced NLP for sentiment analysis and summarization.

API Visualization

D3.js, HTML/CSS, JavaScript (ES6+), React/Angular/Vue.js, Axios/Fetch API, Web Analytics

- Developed using D3.js and React, integrated real-time data from 5+ APIs, and employed JavaScript for dynamic visualizations, enhancing user decision-making.

Flappy Bird Game

Java, LibGDX/JavaFX, JUnit, JAR Packaging

- Implemented in Java with LibGDX, featuring advanced collision detection and scoring systems, validated through JUnit testing.

Portfolio Website Project

HTML5, CSS3, JavaScript (ES6+), React.js, Node.js, Express.js, MongoDB

- Developed a personal portfolio website to display a broad range of interactive and comprehensive technical skills and achievements. software engineering projects, including Data Science, Machine Learning, and Web Development endeavors.

CERTIFICATIONS

- DP-900: Microsoft Azure Data Fundamentals - Microsoft.
- Machine Learning A-Z: AI, Python & R + ChatGPT Prize [2024] - Udemy.
- SQL- MySQL for Data Analytics and Business Intelligence - Udemy.

HONORS & AWARDS

- Awarded State Level SpellBEE participant, demonstrating proficiency in English spelling and vocabulary.
- District Level Table Tennis Player, reflecting strong athletic abilities, strategic gameplay, and competitive spirit.