

SHARON SAMRAJ J

Chennai, TamilNadu

☎ +91-9176029393

✉ sharonsamraj@gmail.com

🌐 [sharon-samraj](#)

🔗 [sharonsamraj47](#)

🔑 [sharonsamki123](#)

EDUCATION

Zion Matriculation Higher Secondary School

06 2020 – 03 2021

*D12th - Standard , State Board - **percent** - 91%*

Chennai, India

St. Joseph's Institute of technology

09 2021 – ongoing

*B.E , Computer Science and Engineering - **CGPA** - 8.45*

Chennai, India

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Network Security
- Artificial Intelligence
- Web Development
- Operating Systems
- Database Management System (DBMS)
- OOPS Concept
- Android Development

PROJECTS

SIH-WaterResQ [🔗](#) | Flutter, Firebase, Machine Learning

12 2023

- Developed innovative water management app "WaterResQ" for Smart Indian Hackathon. Leveraged Flutter to craft a **dynamic app**, integrating machine learning for **precise water categorization**. Enhanced functionality includes **predicting rain and flood probability**, **identifying affected areas**, and streamlining rescue operations through Firebase-powered data management. .

LinearRegressionModel-Web [🔗](#) | HTML, CSS, Python

02 2024

- Designed and implemented a **dynamic linear regression model on a webpage**, facilitating instant **calculation of dependent values and graphical representation** based on uploaded Excel files, showcasing analytical and technical proficiency.

INTERNSHIP

Bloomlync [🔗](#)

05-05-2023 – 20-05-2023

Student Intern

Chennai, India

- * Interned at Bloomlync, contributing to the design and development of a **student database using Python and MongoDB**. Demonstrated proficiency in database management, coding, and organizational collaboration.

Supraja Technologies [🔗](#)

02 2024 – Ongoing

Student Intern

Chennai, India

- Engaged in a 3-month Cyber Security Internship at Supraja Technologies, reporting directly to Mr. Santosh Chaluvadi. Received intensive training, project work, and guidance, demonstrating commitment to cybersecurity expertise.

TECHNICAL SKILLS

Languages: Python, Java, C, HTML, CSS, JavaScript, SQL

Developer Tools: VS Code, Android Studio, Pycharm, Oracle VM Virtualbox

Technologies/Frameworks: Linux, GitHub, Git, Mongo, Flutter

ACHIEVEMENTS

SIH-2023 Hackathon [🔗](#)

12 2023

Hackathon finalist

Vijayawada, Andhra Pradesh

- Development of "WaterResQ" for Smart Indian Hackathon, **utilizing Flutter and machine learning** to categorize water status. Incorporated Firebase for data storage, enabling accurate **prediction of rain and flood probabilities**. The app, designed for flood-affected regions, features an SOS emergency call, real-time updates, and efficient communication with administrators and users.

CERTIFICATIONS

- Java
- Machine Learning
- Python for Data Science
- C programming
- Command Line in Linux
- Artificial Intelligence Foundations
- SQL
- MongoDB Basics