

# GUNASURIYA

## COMPUTER SCIENCE

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## PROFILE

Aspiring Computer Science student with a strong foundation in C and Java, and hands-on experience in web development using HTML5, CSS3, and JavaScript. Familiar with basic SQL, skilled in Figma for UI/UX design, and experienced in using GitHub for collaboration. Currently learning React.js to strengthen frontend skills. Passionate about building full-stack applications and eager to gain real-world experience through internship or entry-level opportunities.

## EXPERIENCE

### Frontend Development Intern at Mobility Intelligence Softwares

- Developed responsive web interfaces using **HTML**, **CSS**, and **JavaScript**, while collaborating with the development team and utilizing **Git/GitHub** for version control.

## PROJECTS

### Bus Travel & Arrival Time Prediction, 2023-2024

SVM, RF, KNN, XGB, LR | Kaggle, Visual Studio Code, Google Colab

- Analyzed bus trip data using **Machine Learning** models to predict arrival times. Identified the **most accurate algorithm** and **improved decision-making** through performance evaluation.

### Smart Waste Level Monitoring System, 2024-2025

Tool: Arduino, Ultrasonic Sensor, ESP8266, C++, IoT

- Designed and implemented a real-time waste level monitoring system using **Arduino**, **ultrasonic sensors**, and **C++**, to accurately detect bin fill levels.
- Integrated **ESP8266** for **wireless communication**, enabling automated alerts and improving operational efficiency in smart waste management.

### Notes Web Application, 2025

- Developed a responsive Notes Web Application using **HTML5**, **CSS3**, and **JavaScript**, implementing dynamic DOM manipulation to enable seamless note creation, viewing, and management within an intuitive user interface.

## ACHIEVEMENTS

### POSTER PRESENTER AWARD - Star Summit 2023 - 2024

- Poster Presenter in Annual Star Summit - 2024, a Guinness World Record Attempt (Saveetha University) - 29,460 Posters.

## WORKSHOP

- Ethical Hacking Masterclass | Nikistian Media Private Limited
- Introduction to Cybersecurity | CIT - Chennai | 2025
- AWS Fundamentals | CIT - Chennai | 2025

## SKILLS

### Programming Skills

- Java Programming
- C Programming

### Web Development

- HTML5
- CSS3
- Bootstrap
- JavaScript
- React JS
- MongoDB (Learning)

### Tools & Platforms

- Git, GitHub
- Visual Studio Code
- Figma
- Eclipse
- Microsoft office

### Technical Strengths

- Problem Solving
- Logical-thinking

## EDUCATION

### SIMATS Engineering College, Saveetha University, Chennai

B.E, Computer Science, 2021 - 2025

GPA - 8.09

### Sri Vijay Vidyalaya Matric Higher Secondary School, Dharmapuri

Secondary School Certificate, 2018 - 2019

GPA - 76.4%

### Sri Vijay Vidyalaya Matric Higher Secondary School, Dharmapuri

Higher Secondary Certificate, 2020 - 2021

GPA - 81.5%

## CERTIFICATES

- Oracle APEX Cloud Developer Certified Professional
- Oracle Cloud Infrastructure 2024 Generative AI Certified Professional
- AWS Cloud Practitioner Essentials

## LANGUAGE

- English
- Tamil