Abinayaa Sree K S

 Erode, TN **| ☏** +91 8248544565 | ✉ [abinayaasreeks521@gmail.com](mailto:abinayaasreeks521@gmail.com) | A blue square with white letters  Description automatically generated [LinkedIn](http://www.linkedin.com/in/itsabiks/) |  [GitHub](https://github.com/Abinayaasree-KS)

# EDUCATION

* **M.Sc. Software Systems (Integrated) 2021 – Present**

Coimbatore Institute of Technology

**CGPA:**8.31

* **Higher Secondary****2019 – 2021**

Saratha Matric School

**Aggregate:**90.6%

* **Languages:** C, C++, Python
* **Web Tools:** HTML, CSS, React JS, Node JS

# SKILLS

* **Database:** Relational DB (MySQL, Oracle)
* **Soft-Skills:** Adaptability, Leadership, Creativity, Resilience
  + Full Stack Development
  + Object Oriented Programming

**Co-Author**

# AREA OF INTEREST

* + - Data Structures
    - DBMS

# ROLES & RESPONSIBILITIES

* + Co-authored a paper titled **Student Placement Prediction.**
  + It has been accepted for publication by the 4th International Conference on Innovations in Power and Computing Technologies 2023(i – PACT’23), Vellore Institute of Technology (VIT), Vellore district, Tamil Nadu.

# PROJECTS

## Chat Net

* + Chat Net is a responsive web application that leverages JWT authentication for secure user registration and login, enhancing data integrity and safeguarding user information. Integration of Material UI enriches the user interface.
  + The application provides profile management features, empowering users to effortlessly update and manage their personal information. Advanced search functionality enables users to discover and connect with others.
  + Additionally, Chat Net facilitates users to share images and thoughts, enriching communication, and expression within the platform. **Tech Stack:** HTML, CSS, Java Swing, MySQL.

## Software Recreation

* + Developed a Disney+ clone using React, featuring navigation, user profiles, search functionality, and playback.
  + Integrated Google authentication into the clone using Firebase for user login. Utilized Firebas[e](https://creativecommons.org/licenses/by-sa/3.0/) as the database.
  + Implemented and executed complex UI components effectively using React JS.

**Tech Stack:** HTML, CSS, ReactJS, Firebase.

## Rental Mobility

* Rental Mobility is a versatile software application for administrators and users.
* Administrators manage inventory and track orders, while users customize vehicle orders through an easy-to-use interface.
* The application stores customer details in binary files and utilizes data structures and algorithms for smooth functionality, providing a complete solution for everyone involved. **Tech Stack:** C++.

## Verity Vision: Unmasking Deception

* + The Python script is a Flask web application that leverages a logistic regression model trained on TF-IDF vectors to classify news articles as authentic or deceptive.
  + It includes authentication logic for a login page and an interface for users to input news titles and text, receiving predictions on the likelihood of deception. **Tech Stack:** Python, Flask, Scikit-learn, Pandas.

# ACHIEVEMENTS

* + **MELINIA’24** – I made it to the final round of the Melinia'24 hackathon with our project, CodeEase, CIT Coimbatore.
  + **CELESTRA’23** – Technical Quiz and Reverse Coding Contest Runner, CIT Coimbatore.
  + **CRYPTERA’23** – Code 2 Duo 3rd Place, CIT Coimbatore