

Sowmiya Dharshni K

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EDUCATION

B.TECH INFORMATION TECHNOLOGY
VSB Engineering College, Karur 2021
- Present | CGPA: 8.7/10.0

HSC

Sri Kannika Parameshwari Hr Sec
School, Tirupur 2019-2020 |
Percentage: 66.8

SSLC

Sri Kannika Parameshwari Hr Sec
School, Tirupur 2017-2018 |
Percentage: 75.6

PROFILES

Github:// @sowmiya2253
LinkedIn:// @sowmiya-dharshini
Hackerrank:// @sowmiya-dharshini

COURSEWORK

UNDERGRADUATE

Cyber Security
Operating System
Object Oriented Programming
Web Development
Fundamentals of Networking

SKILLS

PROGRAMMING

100+ problems

• Java • Python

FRONTEND TECHNOLOGIES

• HTML • CSS3 • JS • ReactJS • Flutter

BACKEND TECHNOLOGIES

• Kivy • Dart

DATABASE

• MySQL

TOOLS

• Splunk • Linux

LANGUAGE

English
Tamil

INTEREST

Cyber Security
Full Stack App Developer
Network Engineer
Semiconductor

OBJECTIVE

"Aspiring cyber security specialist with a strong foundation in problem solving using Python, and proficient in app development with Flutter, Dart, and Kivy. Skilled in identifying and mitigating cyber threats, with hands-on experience in cyber attack simulations. Eager to leverage technical expertise to develop secure, efficient, and innovative solutions in a dynamic and challenging environment."

EXPERIENCE

ASTRO WEB SOLUTION | APP DEVELOPER | SUMMER INTERN

July 2023 | 1 Month | Madurai

- Completed app development internship, mastering Flutter and Dart. Proficient in building dynamic, cross-platform applications with a focus on user experience and functionality.
- Developed a Google Pay login page with Google OAuth and basics of Dart.

PROJECTS

CALCULATOR APP | Kivy

Github

Developed an efficient Python-based application designed for performing a wide range of mathematical calculations. It features a user-friendly interface, supports basic and advanced operations, and provides quick, accurate results.

VOICE ASSISTANT JARVIS | PYTHON

Github

The Jarvis Project is an advanced Python-based virtual assistant leveraging natural language processing, speech recognition, and machine learning to automate tasks, interact via voice, and provide real-time information.

ANALYZING SOCIAL MEDIA PHISHING ATTACKS | ZPHISHER

Github

Zphisher is a toolkit that simulates social media login pages to study user interactions with fake messages. It helps identify vulnerabilities and enhance awareness of phishing attacks.

PASSWORD STRENGTH CHECKER AND GENERATOR | JAVA

Github

Developed a Java application to assess and generate secure passwords. The tool evaluates password strength based on complexity criteria and offers suggestions for improvement. Integrated features include generating strong passwords to enhance security practices.

CERTIFICATIONS

EC-COUNCIL: Introduction to Dark Web, and Cryptocurrency, Ethical Hacking Essentials

UDEMY: Flutter APP Development Certification at Udemy

CISCO: Networking Essentials and Introduction to Cyber Security

GOOGLE: Google Analytics for Power Users

ADDITIONAL INFORMATION

1st price in HSC for writing Kavithai
Staying Updated with the IT Updatations
Learning the new Technologies in Cyber Security