# SOWMIYA P

## *Web Developer*

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## Career Objective

To secure a responsible job to fully utilize my training and skills, while making a significant contribution to the success of the company.

## Internship

### GaoTek Inc.

June - Oct 2023

### Team leader (Remote) New York, USA

- Spearheaded a high-performing **team of 10 interns**
- Providing **guidance and support for** daily tasks and goals
- Fostered a culture of **collaboration, innovation, and excellence**, which led to a motivated team.
- Conducted **in-depth market research** to inform **strategic decision-making**.
- **Skills** : Team management, Communication, Cold emailing, Networking, Social Media Marketing, Document writing.

### Cyberdosti

Sep - Oct 2023

### Ethical Hacker (Remote)

- **Multi-Factor Authentication System** : with dual or more authentication methods for accessing a simulated website or app.
- **Keylogger project :** to log typed input on a device, emphasizing security risks as unauthorized development or use
- **Brute Force Password Cracker**  : tool showcasing an attacker's approach of exhaustive trial and error for password decryption.
- **Skills** : Authentication & Cryptographic protocols, Encryption methods & Algorithms, Malware Analysis, System and Behavior based detection.

### Technohacks

Oct - Nov 2023

### Wen Development (Remote)

- **calculator app :** basic math operations.
- **landing page :** for a company or product that includes a header, footer, and some basic information.
- **currency converter app :** converts between different currencies.
- **Skills** : Html, CSS, JavaScript, Php, Sql.

## Skills

- Django
- PHP
- GIT & GitHub
- MYSQL

- C/C++
- Java
- JavaScript
- Python

- Problem-solving
- Creativity
- Machine learning
- Windows / Linux OS

# Education

Velammal Engineering College                                                                          (2021-2025)
Chennai
- B.E. Computer Science Engineering (pursuing)        CGPA: 8.1

Sethu Bhaskara Matric Higher  Secondary School                              (2019-2021) Chennai
- HSC - Percentage: 91%                                    Board: State

Sethu Bhaskara Matric Higher Secondary School                              (2019-2021) Chennai
- SSLC - Percentage: 90.8%                              Board: State

# Projects

**SCREENING WEBAPP FOR MENTAL HEALTH ISSUES:**
- **screening tools** and **user friendly interface**
- analyze **text based responses** to a **series of questions**
- **fine tunning** model with different **dataset** to predict mental health issues

**PORTFOLIO:**
- **responsive** portfolio to showcase my projects
- Using **Html, CSS and JavaScript**

**PASSWORD GENERATOR & VAULT USING DJANGO:**
- generates password of **4 to 12 characters** & stores the password in the **vault.**
- different characters like **numbers, special characters and alphabets.**

# Workshops

- **Code the Node and way to Cloud**                                      (4 Aug - 6 Aug 2023)
  - Skills: JavaScript, Html, CSS, Node.js, cloud and Subnetting
- **Machine Learning and Deep Learning**                              (11 Feb - 25 Mar 2023)
  - Skills: Matlab, simulink and hardware interfacing.
- **GIT & GitHub**                                                                    (29 Mar 2023)
  - Skills: Git and GitHub
- **Ethical Hacking**                                                                (17 Mar 2023)
  - Skills: Burpsuite, SQL Injection, XSS
- E**thical Hacking from scratch**                                        (11 Mar - 13 Mar 2023)
  - Skills: WLAN security, Metasploit, Steganography, web exploitation.

# Co-curricular & Certificates

**MSME**                                              (Aug 2023)
- Idea presentation at VEC

I**ndustrial visit**
- Adani Port - import & export  (July 2023)
- Asahi glass factory                  (Feb 2023)

**Symposium**
- Kranthi - codeathon              (Mar 2023)
- Hackerz- Game of threats     (Mar 2023)

**ACM member**

- Introduction to **machine learning** -NPTEL
- **Cat Linux and Webbed** - TryHackMe
- **Linux fundamentals** - HackTheBox
- **Advanced cybersecurity threats and governance** - Great Learning
- **Ethical Hacking** - NPTEL
- **Cybersecurity & Privacy** - NPTEL

# Languages

| Tamil : Native | English : Proficient | Hindi : Beginner |
|---|---|---|