



SWAMINATHAN B

IT STUDENT

MY CONTACTS

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- 🐙 <https://github.com/swami1302>

TECHNICAL SKILLS

- C,C++,PYTHON - INTERMEDIATE
- HTML,CSS.JS - INTERMEDIATE
- FIGMA - INTERMEDIATE
- GIT - INTERMEDIATE
- REACTJS - BASIC

AREAS OF INTEREST

- OOPS IN PYTHON
- SELENIUM
- GRAPHIC DESIGNING
- WEB SCRAPING
- FRONTEND DEVELOPMENT

EDUCATIONAL QUALIFICATIONS

- Bannari Amman Institute of Technology
B.Tech Information Technology
2020 - Present
CGPA - 8.76 (Till VI semester)
- Kendriya Vidyalaya Vijayanarayanam
HSC (2019 - 2020) (CBSE)
Percentage: 81%
- Kendriya Vidyalaya Vijayanarayanam
SSLC (2017-2018) (CBSE)
Percentage: 76.8%

CAREER OBJECTIVE

A quick learner with an adaptive mind to work with any team and people.

Organizes and manages team members to accomplish a task successfully in the allotted time

Looking forward to work and learn in an environment which focuses and levelling up my skills for the uplift of the company.

PROJECTS

1 : Online Price Tracker

Duration : Dec 2021 - Jan 2022

Description: Built a web scraping tool using Python with BeautifulSoup and Requests for real-time Amazon product price monitoring, featuring email notifications for users on price drops.

My Role: Team Leader

Team Size: 4

Technologies Used: Web Scrapping, SMTP, Requests, Python

GitHub: <https://github.com/swami1302/AmazonPriceTracker>

2 : Smart Surveillance

Duration : Jul 2022 - Aug 2022

Description: Smart Surveillance: Python-based system using Haar Cascade and HOG algorithms with OpenCV for real-time object detection and tracking in surveillance cameras. Enhances security and monitoring.

My Role: Team Leader

Team Size: 2

Technologies Used: OpenCV, Hog Algorithms, Harcascade Algorithms, Python

GitHub: https://github.com/swami1302/Smart_Surveillance

3 : Automated Animal Identification (using CNN)

Duration : Jun 2023 - Jul 2023

Description: It employs specialized deep-learning models and a user-friendly web interface to automate species identification from camera trap images, revolutionizing biodiversity monitoring and ecological research.

Role Played: Team Leader

Team Size: 3

Technologies Used: Python, CNN (Improvised VGG-16), Flask, CV

GitHub: https://github.com/swami1302/Automated_Animal_Detection

ACHIEVEMENTS

- 2011 – 2015** Completed All 8 Levels of the Hindi Exam conducted by Dakshina Bharat Hindi Prachar Sabha
- Feb 2022** Participated in 4th Technovation Hackathon conducted by Sharda University
- Dec 2021** Selected as a finalist in SPARK AR Community Hackathon conducted by Re-Skill
- April 2021** Participated in Guinness World Record event named as AI-FOR-INDIA conducted by GUVI
- 2010 - 2014** Participated in Several Olympiads i.e Maths, Science, English

PERSONAL SKILLS

- Leadership
- Communication Skill
- Team Player

TOOLS

- Microsoft Office
- Git and Github
- Visual Studio Code
- Blender
- Adobe Photoshop
- Figma
- Canva

LANGUAGES KNOWN

- ENGLISH - R, W, S
- TAMIL - R, W, S
- HINDI - R, W, S

PERSONAL INFORMATIONS

- **DOB** - 13/02/2003
- **Father's Name** - Mr. S. Balasubramanian
- **Mother's Name** - Mrs. B. Sumathi

DECLARATION

I **Swaminathan B**, hereby declare that the above-written particulars are true to the best of my knowledge.

Date : 01-10-2023

Place : Sathyamangalam

CERTIFICATIONS

- AI for Everyone by DeepLearning.AI (Andrew Ng) offered by Coursera
- Technoavtion Hackathon-4 conducted by Sharada University (5 Days hackathon)
- Python 101 for Data Science offered by Cognitive class
- Finalist in SparkAR community Hackathon conducted by ReSkill X SparkAR
- Finalist in BITS HACK (Software Edition) Hackathon conducted by BIT (2 Days Hackathon)
- Flipkart Grid 4.0 Software development challenge - development Unstop Network

CO-CURRICULAR ACTIVITIES

- Student Trainer for class 6-7 of Bannari Amman Vidya Niketan school for 10 Days as **C Trainer**
- Night Skill Trainer for Second Year Students of Bannari Amman Institute of Technology for 15 days as **Python Trainer**.
- Day Skill Trainer for AI Lab Students of Bannari Amman Institute of Technology for 15 days as **HTML, CSS, JS, React JS Trainer**.

EXTRA-CURRICULAR ACTIVITIES

- Member of LEO Club and organised Technical event called Code it to Crack it
- Member of GEO Club | November 2022 - Present

HOBBIES

- Reading Books
- Cycling
- Journaling



Signature