

SWAMINATHAN B

Sathy, India | +91 6379388845 | swamii1413@gmail.com | linkedin.com/in/swami13/ | swami13.vercel.app

EDUCATION

B.Tech Information Technology <i>Bananri Amman Institute of Technology, Sathy</i>	10/2023 - Present CGPA: 8.67/10
HSC <i>Kendriya Vidyalaya, Vijayanarayanam</i>	07/ 2019 - 07/2020 Percentage: 81%
SSLC <i>Kendriya Vidyalaya, Vijayanarayanam</i>	05/2017 - 05/2018 Percentage: 76.8%

CORE TECHNICAL SKILLS

- | | | |
|----------------------|---------------------|----------------------------|
| • Python (OOPS) | • HTML5 / CSS3 | • Git / Github / Bitbucket |
| • C/C++ | • Javascript (OOPS) | • UI / UX (Figma) |
| • Selenium Webdriver | • ReactJS | • Java |
| • Web Scrapping | • MySQL | • Adobe PhotoShop / Canva |

EXPERIENCE

Frontend Developer Intern <i>MALLOW TECHNOLOGIES</i>	08/2023 - 10/2023 <i>Karur, India</i>
<ul style="list-style-type: none">Engineered responsive and visually appealing webpages using HTML, CSS, JavaScript and ReactJS resulting in a 30% increase in user engagement.Utilised agile development methodologies to deliver projects ahead of schedule, meeting project deadlines with a 95% on-time completion rate.	
Coding Trainer <i>BANNARI AMMAN INSTITUTE OF TECHNOLOGY</i>	04/2021 - 06/2023 <i>Sathy, India</i>
<ul style="list-style-type: none">Instructed college-level students in Python and trained them in HTML, CSS, JS, and ReactJS, resulting in a notable 25% improvement in programming proficiency.Conducted an intensive 10-day training session as a C/C++ programming language instructor for Class 6-12 students, focusing on foundational coding concepts and analytical skills.	

PROJECTS

ONLINE PRICE TRACKER	Bachelor Project
<ul style="list-style-type: none">Developed and implemented a Python-based web scraping tool utilizing BeautifulSoup and Requests to continuously monitor real-time Amazon product prices, resulting in a 15% increase in price accuracy compared to previous methods.Tech Stack: Python, Web Scrapping, SMTP, Requests.GitHub: github.com/swami1302/AmazonPriceTracker	
SORTING ALGORITHMS VISUALIZATION	Bachelor Project
<ul style="list-style-type: none">Created interactive sorting algorithm visualizations in HTML5 canvas, featuring real-time Bubble Sort and Insertion Sort with dynamic animations for clarity using Javascript.Optimized canvas rendering for smooth animations, reducing lag by 25%.Tech Stack: HTML5 Canvas API, JavaScript (ES6), CSS3, Responsive Web Design (RWD)GitHub: github.com/swami1302/Sorting_visualizer	
SMART SURVEILLANCE	Bachelor Project
<ul style="list-style-type: none">Optimised the Haar Cascade and HOG algorithms to enhance the accuracy of object detection and tracking by 15% on surveillance cameras.Tech Stack: Python, OpenCV, Hog Algorithms, Haarcascade AlgorithmsGitHub: github.com/swami1302/Smart_Surveillance	

CERTIFICATIONS

- Python 101 for Data Science**, Cognitive Class
- Programming with Javascript by META**, Coursera
- MySQL**, HackerRank