VISWESH. G

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WEBSITE :

https://gviswesh.github.io/viswesh.github.io/

SOCIAL MEDIA :

https://www.linkedin.com/in/g-viswesh-034000218/

GITHUB

https://github.com/Gviswesh

PROFILE SUMMARY

- Created front end for ENVOI, a student entrepreneurship venture
- Development in progress for an android app on NFC based automation utilising Android Studio
- Indigenously created and maintaining my cloud server using Raspberry Pi and NextCloud software under self DNS
- Created self Portfolio website using HTML, CSS, Javascript
- Proficient in Arch Linux (personal), Debian (server) and Kali Linux

EDUCATION

Bachelor of Computer Science (2020-24)

Sri Venkateswara College of Engineering,
Sriperumbudur
CGPA: 8.4 (till 5th semester)

School

PS Senior Secondary School, Mylapore,
Chennai - 4

INTERN EXPERIENCE

Web Development Intern

Business Web Solutions, New Delhi
(Jan 2023 - March 2023)

- Developed customised websites for business developments using HTML,CSS and Angular JS
- Worked closely with staff, such as project managers, graphic artists, UX designers, co-developers, systems analysts and sales and marketing professionals to improve client's experience
- Networked with stakeholders for performance and upkeeping the website

Software Consultant Intern

Srivesh Management Services, Chennai
(September 2022 - January 2023)

- Developed Graphical User Interface using Python Library tkinter
- Setting up backend website with employee login
- Designing and developing need-based software applications

DOMAIN SKILLS

- Proficieny in Object Oriented Programming (Java)
- Proficiency in troubleshooting software issues and maintaining large code base
- Knowledge of data structures and algorithms

SOFT SKILLS

- Strong at critical thinking and problem solving
- Exemplary analytical and reasoning skills
- Good communication skills
- Ability to work collaboratively

PROPOSED AREA OF SPECIALIZATION

- Cybersecurity
- Full Stack Developer

PRE-REQUISITE COURSES UNDERGONE - CURRICULUM

- Cryptography
- Ethical Hacking and IT Security
- Compiler Design
- Design and Analysis of Algorithms
- Data Structures and Algorithms
- Probablity and Queueing Theory
- Cybersecurity *(scheduled)

PUBLICATION

- "Secure E-Banking Transaction using Double Sanction Security Algorithm in Cyber Security" by Viswesh G and Dr P Vinothiyalakshmi, International Conference on 'Advances in Data-driven Computing and Intelligent Systems (ADCIS 2023)'
BITS Pilani, K K Birla Goa Campus, September 2023 - Under Review

VALUE ADDED PROJECTS

Home Automation Andriod App

- Home Automation Android App based on NFC tag reader and writer using IoT - Phase I - completed
- Authoization, authentication and prevention of Man in the Middle Attack - Phase II - under development

Personal Portfolio Website

- Creation of personal portfolio website using HTML, CSS and Javascript - Phase I - completed
- Addition of security layer to prevent website hack - Phase II - under development

Personal Cloud Server

- Creation of personal cloud server using Raspberry Pi as hardware and Nextcloud as User Interface
- Adding additional layer of security and prevention of SQL Injection and Cross Side Scripting Attack

LITERARY & LEADERSHIP PURSUITS

- Member of School Student Council in 12th grade
- Functioned as Representative in many grades
- Class Representative for the CSE in academic year 2020-21, 2021-22 and 2022-23
- Lead Comparer for college Student Induction Program 2021 and for many other college and departmental activities
- Delegated judgemental role in many intra-collegiate competitions
- Published technical and sporting articles in various forums