Sachinthra N V
Student

Currently a fourth year IT student in VIT, Vellore. Looking for an opportunity to put use of my knowledge by effectively contributing to the organization's goals and enhance my skills in a continuous manner.

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github.com/sachinthra ⌽

stackoverflow.com/users/13088392/sachinthra ⧉

EDUCATION

B.Tech, Information Technology
Vellore Institute of Technology, Vellore

07/2018 - Present   *CGPA 8.10**

Higher Secondary
Sainik School Amaravathinagar, Tamil Nadu

06/2010 - 04/2017   *71.6% - Improvement 81% (CBSE)*

SELECT PERSONAL PROJECTS

A Web application where users can post their articles - Blog Website (06/2021 - Present)
- This application is a kind of social media where end users will be able to add post and other users will be able to read it.
- Frontend is created using a JavaScript Framework called React JS with Material UI. For Backend Express framework and for the Database MongoDB is used.

File Encryption and Decryption Software using ElectronJS (11/2021 - 11/2021)
- Developed a Windows desktop application using ElectronJS and ReactJS which can encrypt files with a password using AES-256.
- Main Focus on the project is on learning Desktop application.

Documentation And Demonstration Of Critical Cyber security Attacks And Their Preventive Measures (10/2020 - 11/2020)
- On the process of developing and simple E-commerce website in which I performed various Top OWASP attack during the project and Documented them.
- Created Using React JS for the frontend, Python Flask for the backend and SQLite for the Database.

Securing transfer of crime data using Hybrid cryptography (10/2020 - 02/2021)
- With the use of hybrid cryptography to enhance security. Combination of Both DES and RSA Algorithm. (CPP)

WORK EXPERIENCE

Internship as Frontend Developer
Seaport AI, Chennai

05/2020 - 06/2020   *Chennai*
Seaportai is an advanced analytics and AI development company

Achievements/Tasks
- Worked on a Web application and Data Science Project.
- Made Frontend for OCR application using React.

Designer
Hearts VIT - Student Club (NGO)

08/2019 - Present   *Vellore*
Club of VIT University, Vellore under the aegis of UHET which emphasizes on higher education for underprivileged students.

Achievements/Tasks
- Designer in Hearts VIT Club

SKILLS

| React JS | Java | Python 3 | JavaScript |

| HTML - CSS | MongoDB | Node JS - Express |

| Data Structures | React Native | ElectronJS |

ACHIEVEMENTS

National Cadet Corps (NCC) - B Certificates (06/2010 - 06/2017)
Was in NCC for 7 years. This certificate is given to the cadet when the cadet has a minimum 75% of attendance in NCC training in the senior wing.

MathAThon 2020 Runners Up (06/2020 - 06/2020)
Runners up in Math-a-Thon 2020 conducted by Department of Mathematics at VIT, Vellore.

Online Judge Ratings
5-star at Hackerrank, 2-star at LeetCode

CERTIFICATES

Cyberrange (05/2021 - 05/2021)
ISO Certified Cybersecurity Training Centre CERTIFICATE. Association with ISAC, Cyberrange.

DevJams 19 (10/2019 - 10/2019)
Went to final round in DevJams 2019 Conducted by DSC VIT.

Open Expo on Cyber Physical System (10/2018 - 10/2018)
Organized by Department of Information Technology, SITE, VIT Vellore

Server-side Development with NodeJS, Express and MongoDB (10/2019 - 11/2019)
an online non-credit course authorized by The Hong Kong University of Science and Technology and offered through Coursera.

Programming in R (04/2020 - 05/2020)
A course of study offered by VITOL Institute during Summer Online Course April to May 2020

Machine Learning with Python (06/2020 - 06/2020)
A course on cognitiveclass.ai Powered by IBM Developer Skills Network.

Neural Networks and Deep Learning (06/2020 - 06/2020)
an online non-credit course authorized by deeplearning.ai and offered through Coursera

LANGUAGES

English
Professional Working Proficiency

Tamil
Native or Bilingual Proficiency

INTERESTS

| Hockey | Creating Applications for Real time use |

| Music | Football |