Nikhil Sampangi

Computer Science Undergraduate, Indian Institute of Information Technology Sri City

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🖥 EXPERIENCE

APRIL 2020 - JUNE 2020
Web Developer at Cybervie, Hyderabad : Developed a MERN stack application which reduces the workload of pen-testers by automating the process of developing a vulnerability report dynamically for the client's view

AUGUST 2019 - DECEMBER 2019
Teaching Assistant for Database Management Systems at IIIT Sri City: Managed Lab practical sessions and Assisted Undergraduate students in understanding the concepts of databases

JANUARY 2017 - APRIL 2017 & JANUARY 2018 - APRIL 2018
Lead Designer for Abhisarga 2018 & 19(A Cultural fest) at IIIT Sri City: designed logos, banners and posters for the college cultural festival

⚙ SKILLS

- C, C++, Python, Java
- HTML, CSS, JavaScript, Node.js, React, Angular
- Algorithms and Data Structures
- Linux

- Graphic Design
- Network Security and Cryptography
- Git
- Android Studio, Flutter

👤 PROJECTS

JANUARY 2020 - DECEMBER 2020
Implementing Paillier Cryptosystem in a Cloud Computing Environment [Python, Docker, AWS, Homomorphic Encryption]: Homomorphic encryption allows for computation on cipher texts itself which allows for secure computations in a Cloud Computational Scenario. [link: https://github.com/nikhilsampangi/plr-enc]

AUGUST 2019 - DECEMBER 2019
Automated Petrol Station Management System [NodeJS, MongoDB, React, ExpressJS, React Native]: a Service oriented application intended for Petroleum Companies in India which aims to automate the process of purchasing fuel from petrol stations by providing a centralized interface with all the controls required to run a station. This will highly reduce the man-power required and improve the speed and efficiency of the fuel stations. [link: https://github.com/nikhilsampangi/Carger]

🏅 AWARDS & CERTIFICATES

- 1st place in Praviskarsha (Logo-designing Competition), TechFesia 2018
- Number Theory and Cryptography, University of California San Diego [coursera.org/share/111de1cca1f12586c4bda1f0a2d1c240]
- Fundamentals of Deep Learning for Computer Vision, NVIDIA Deep Learning Institute [courses.nvidia.com/certificates/65b40058b197485b88c63092819d5c34]

🎓 EDUCATION

AUGUST 2017 - MAY 2021
B.tech in Computer Science, **Indian Institute of Information Technology Sri City**
CGPA : 8.2