SIRUVALAM KARTHIK

Computer Science Undergraduate looking forward to fully utilize my technical and analytical skills, while making a significant contribution to the company.

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EDUCATION

Bachelor of Technology
National Institute of Technology Calicut

07/2019 - 07/2022   *CGPA - 8.43*

Courses
- Computer Science and Engineering

PROJECTS

eXpos- Experimental Operating System (08/2021 - 11/2021)
- Developed an operating system from scratch by implementing OS data structures and kernel routines on a simulated machine called XSM.
- Kernel is modularized into the following modules.
- Memory Management, Process Management,Bootstrapping ,File Management,Resource Sharing and Process Synchronization.

Online T-shirt Store : (08/2021 - 10/2021)
- An Online Website to serve tshirts.
- Developed a database using MongoDB that provides storage, updating and deletion of the t-shirts.
- Frontend is built using React Library.

Hostel Management System (10/2021 - 12/2021)
- Developed a system that can automate the hostel admin functionalities.
- Contributed in designing ER model,tables in RDBMS and UI designing.

EXPERIENCE

Technical UnderGraduate Intern
Cisco

05/2022 - 07/2022

Achievements/Tasks
- Developed a dashboard that provides a complete overview of the data using Grafana.
- Cloned a database and inserted new parameters to it , so that the data can be sorted according to the PIN.

SKILLS

C   Python   Grafana

Data Structures and Algorithms   CSS

Javascript   HTML   OOPS   MERN Stack

CERTIFICATES

Data Science for Engineers (01/2021 - 03/2021)
Short term course by NPTEL focused on Introduction to R programming and mathematical foundations useful for data science applications

Programming , Data Structures and Algorithms using Python (09/2020 - 12/2020)
This course is designed by NPTEL, to let you explore computational thinking and Python programming fundamentals.

LANGUAGES

Telugu
Native or Bilingual Proficiency

English
Full Professional Proficiency

Hindi
Limited Working Proficiency