SRIJAN AGRAWAL MANGLIK
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EDUCATION

Vellore Institute Of Technology, Vellore 2019-2023 | B. Tech , Information Technology

Delhi Public School Kalyanpur,Kanpur 2018-2019 | Class XII, CBSE Board

WORK EXPERIENCE

Full-Stack Web Application Developer

VITrendz | March-September 2022

- Played a pivotal role in full-stack development of proprietary SaaS-based channels, enabling efficient distribution of essential resources to students.

Marketing Associate

HEARTS-VIT | July - December 2021

- Collaborated in organizing major events aimed at raising awareness on relevant topics for today's youth demographic, while also identifying new marketing channels, ultimately resulting in a 40% increase in engagement rate.

PROJECTS

AUTOMATIC NUMBER PLATE RECOGNITION SYSTEM | April-June 2022

- Developed a cutting-edge Real-Time Automatic Number Plate Recognition System using TensorFlow and Easy OCR to enable efficient and accurate identification and registration of vehicle number plates. Optimized system performance through Digital Image Processing concepts, enhancing traffic surveillance capabilities for high-volume processing while automating identification and registration processes to improve efficiency and accuracy.

AUTOMATIC IN/OUT LOG ROSTER | April-June 2022

- Implemented an AI-based log roster system, utilizing video surveillance technology to enhance premises security during the COVID-19 pandemic. Automated IN/OUT time tracking through camera-based authentication and utilized AI to streamline log roster maintenance while eliminating physical touchpoints.

ONLINE MESS MANAGEMENT PORTAL | July-November 2020

- Created and implemented the Online Mess Management Portal, utilizing JavaScript, jQuery, PHP, AJAX, and Angular JS to optimize functionality. Managed a MySQL database and improved mess selection and billing processes through streamlined data management via an intuitive user interface

AWS HOSTED PASSSWORD STORAGE | January - May 2021

- Led the secure development of AWS Password Storage, streamlining password management through a user-friendly interface and password manager. Simplified password retrieval, improving user accessibility, and ensured maximum security through industry-standard encryption protocols.

SKILLS

Programming Languages: Python, C++, HTML, CSS, AngularJS, PHP, MySQL, jQuery, AJAX
Frameworks and Tools: NumPy, Pandas, Jupyter Notebook , PowerPoint, Excel, VS
Technical Skills: DBMS, OS , Digital Logic, OOAD, SDLC, Engineering Mathematics

PUBLICATIONS & ACHIEVEMENTS

- Quantum Computing and Blockchain Technologies over IoT Devices (Review paper to be published)
- Specialization in DevOps on AWS
- Object Oriented Programming in JAVA

INTERESTS

- Working Out, Swimming, Cycling
- Badminton, Football, Volleyball
- Learning about Investing and Finance