PALLA NAGENDRA

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CAREER OBJECTIVE

I am seeking a job opportunity in a Software Developer that will allow me to expand my knowledge, skills and contribute to the success of the company by outstanding performances and thereby advancing my career.

Education

Sreenivasa Institute Of Technology And Management Studies   **August 2020 – May 2024**
Bachelors of Technology in Electronics and Communication Engineering - CGPA: 8.26   Chittoor, A.P.

Vivekananda Junior College   **June 2018 – March 2020**
Higher Secondary (Class 12) - CGPA: 8.25   Jammalamadugu, A.P.

Sri Padmavathi High School   **June 2017 – March 2018**
Secondary School (SSC) - CGPA: 9.3   Jammalamadugu, A.P.

Technical Skills

Frontend: HTML, CSS, JavaScript
Backend: Python, Django, NumPy, Pandas, Matplotlib
Database: MySQL
Version Control: Git, GitHub
Tools & Platforms: VS Code, Jupiter, PyCharm
Operating System: Windows

Projects

Student Management (Django Framework):

- Using HTML and CSS created Signup page and Login page linking with Database MYSQL.

- Using Python backend will be connected all the operation will be rendering from one page to another.

- Created SuperUser and User, using Database the data will Store in database.

- Only SuperUser have all rights to do any operation in the project.

- There are buttons like Update and Delete once the data will be inserted we can update or delete the information using buttons.

Academic Project: Multihop D2D Communication to Minimize and Balance SAR in 5G

- To minimize Specific Absorption Rate (SAR) by balancing signal transmission across multiple relay nodes.

- This approach involves a relay system where devices communicate through intermediate nodes, reducing the direct exposure of users to high-power transmissions.

- To minimize and also to balance the transmission power and hence the associated EMF effect in SAR.

- Implemented an optimized relay selection algorithm to ensure efficient communication while maintaining low SAR levels.

- Evaluated the system performance using simulation tools to analyze SAR distribution, network coverage, and power efficiency.

Certificates

- Python Full Stack at Palle Technologies.

- Completed BSNL Internship Offline (2 Weeks)

- Completed Internet Of Things (IOT) in Slash Mark. (3 months)

- Completed Salesforce Developer Virtual Internship (8 weeks)