

# Durga Naveen Nekkanti

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## WORK EXPERIENCE

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### Web Technoligy Intern[APSSDC]

Jun - Aug 2023

- Implemented Advanced Reservation System using Django and reduce the complexity to over 10%
- Led a cross-functional team in implementing a new feature using Python and Framework, resulting in a 20% increase in user engagement within the Internship period

## PROJECTS

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### Template Security with Paillier Encryption and LPP[Prof.M Mahesh Kumar]

Aug - Dec 2023

- Security based Biometric Authentication Technique using Matlab and python, 20% Security Metrics increase in the Authentication Phase.
- The dimensionality reduction has been lowered to 20% by using the Locality Preservation Projection Technique.

### ChatBot for Mental Health Support

Jan - May 2024

- Led the development of a Chatbot for health related issues based on basic health issues in this we designed the web using Node.js as backend and react.js as frontend.
- Using Machine Learning Model secured an accuracy of 89% in traning and testing the dataset using the ML model.

### Twitter Sentiment Analysis[Prof.M Mahesh Kumar]

Mar - Jun 2024

- Programmed a Logistic Regression model in Python to detect the negative tweets based on the tweets avaiable in regular expression through Machine Learning Techniques.
- When the test was run on the model, the accuracy was 94%, and when the test was run on the SVM model, the accuracy was 82%.

## SKILLS

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Technical skills and Languages: C++,Python,OOPS,SQL,Problem Solving,Algorithms

Courses: Machine Learning,Operating System

Tools: SQL WorkBench,Git,Linux,GitHub

## EDUCATION

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2021-2025 Bachelor's Degree at **SRM university - A.P**

(CGPA: 8.66/10)

2021 Class 12th BIEAP

(904/1000)

2019 Class 10th CBSE

(389/500)

## ACHIEVEMENT AND CERTIFICATIONS

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### 7th Research Day- SRM University A.P

Obtained a second place at Research Day by showcasing the cybersecurity-related research project.

### Innovaccer Hackathon

Received a peer for participating in the hackathon and gained and developed the Problem solving skills