

# VENKATA SURYA MANIKANTA SUDARSANAM

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🔗 [LeetCode](#)

## EDUCATION

Vishnu Institute of Technnology, Bhimavaram

2022 – 2026

B.Tech - Information Technology - **CGPA - 8.7**

Bhimavaram, Andhra Pradesh

Sasi Junior College, Tanuku

2020 – 2022

Intermediate - MPC - **Percentage - 89.8**

Tanuku, Andhra Pradesh

Dr.K.K.R's Gowtham E.M School, Tanuku

2019 – 2020

SSC - **Percentage - 99.5**

Tanuku, Andhra Pradesh

## TECHNICAL SKILLS

**Programming Languages:** Python, Java, C

**Web Development:** HTML5, CSS3, JavaScript, Bootstrap, Node.js, Express.js , React.js

**Backend Development:** Django, MongoDB, SQL, NOSQL

**Tools / Frameworks:** Numpy, Pandas , Git

## PROJECTS

Online Payment Fraud Detection [🔗](#) | Machine Learning, Django

2024

- **Improved fraud detection rate** by **30%** compared to traditional rule-based systems, resulting in reduced false positives and fewer legitimate transactions flagged as fraudulent. .
- **Developed and deployed** a machine learning-based fraud detection model using algorithms like Random Forest, achieving **95% accuracy** in classifying fraudulent transactions.
- Trained and evaluated multiple machine learning models, achieving a high precision and recall to minimize false positives and negatives.

Smart Complaint Management System [🔗](#) | Node.Js , MongoDB

2024

- **Developed** a scalable Smart Complaint Management System using Node.js, React resulting in a **30% reduction** in complaint response time.
- **Redesigned the user interface** to be more intuitive and user-friendly, leading to a **25% increase** in user engagement and a **15% reduction** in complaint submission errors.
- Designed the system with a 99.9% uptime, ensuring consistent availability for users and administrators.

## EXPERIENCE

Web Development Intern at CodeWay [🔗](#)

Jan - Feb 2024

HTML/CSS/JS

Andhra Pradesh, India

- Gained hands-on experience with front-end technologies (HTML, CSS, JavaScript) and responsive design principles to create scalable web solutions.

Frontend Intern at ByteCode Solutions [🔗](#)

May - June 2024

HTML/CSS/JS

Andhra Pradesh, India

- Strengthened expertise in front-end technologies (HTML, CSS, JavaScript) and frameworks like React.js, while ensuring cross-browser compatibility and responsiveness.

## CERTIFICATIONS

- Web Development - EDX - IBM
- Python(Basic) - HackerRank
- MongoDB Course Completion - Geeks for Geeks

## ACHIEVEMENTS / ACTIVITIES

- Earned a 3-star badge on HackerRank, demonstrating proficiency in problem-solving and programming skills
- Secured 2nd place in **Hack-IT-Tron**, a college-level hackathon, for developing an innovative solution under tight deadlines.