

# MOTUPALLI S N M S DURGA PRAMOD

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## PROFESSIONAL SUMMARY

Innovative Computer Science student with practical experience in full-stack development and machine learning. Engineered and deployed 3 scalable, real-time web applications using Python and the MERN stack, resolving complex technical challenges and delivering measurable user impact. Optimized system performance by up to 40% through efficient code and architecture.

## EDUCATION

### 2022 - 2026 | Jawaharlal Nehru Technological University - Gurajada Vizianagaram

- Bachelor of Computer Science and Engineering
- Cgpa -8.4(till date)

### 2020 - 2022 | Narayana Junior College

- MPC Stream
- Percentage -96%

## SKILLS



#### Programming Languages:

3+ languages like **Python, Java, C, C++, and JavaScript** applied **DSA with Python** to develop efficient and scalable solutions.



#### Full-Stack Development:

**MERN** stack for development and styled dynamic interfaces with **Tailwind CSS**.



#### Soft Skills:

Communicated clearly, applied critical thinking, and solved complex problems efficiently.



#### Libraries:

Numpy, Pandas, Matplotlib, Seaborn, Scikit-learn, Tkinter.

## PROJECTS

### Squid Game | URL - [squidgame2025.vercel.app](https://squidgame2025.vercel.app)

- Crafted an innovative "Squid Game" technical challenge featuring 3 distinct levels that test and refine algorithmic thinking. The gamified experience was trialed by 50+ users, boosting engagement by 30% and demonstrating creative design and robust coding skills led a team of 3 members.

### MoneyMatrix

- Engineered "MoneyMatrix," a dynamic multi-currency converter that processes real-time conversions for 50+ global currencies. The application generates 5 interactive graphs using pandas, numpy, matplotlib, and seaborn, boosting financial decision-making speed by 35% during trials.

## CERTIFICATIONS

- Introduction to IoT – Issued by NPTEL
- Python Certification – Issued by HackerRank
- Machine learning with python– Issued by edX
- Introduction to Web Development – Issued by edX

## ACHIEVEMENTS

- Published "**Talestime**" blog on Blogspot.
- Achieved Hackerrank ratings: 3-star in Python, 3-star in Java.
- Gate 2025 score: **453 (AIR 9860)**.
- Earned a Bachelor's degree with Honors in Computer Science Engineering, graduating in the top 10% of the class..
- Led and organized a Practical Machine Learning workshop attended by 100+ participants during a 2-day National-Level Technical Symposium.
- Completed **100-day** LeetCode streak, honing algorithms and problem-solving daily.