

P S MOUNIKA

Phone: 96000 12345 | Email: psmounika2020@gmail.com | LinkedIn: [linkedin.com/in/mounika-p-s-8b9581227](https://www.linkedin.com/in/mounika-p-s-8b9581227)
GitHub: github.com/psmounika-16

PROFILE

A highly motivated B.Tech student specializing in Electronics and Communication Engineering with strong skills in Python and C. Proven experience in AI/ML projects and internships, demonstrating a keen ability to learn and apply new technologies. Currently seeking opportunities to contribute to innovative projects and further develop technical expertise.

EDUCATION

- | | |
|--|------------------|
| B.Tech in Electronics and Communication Engineering | 8.66 CGPA |
| • Institute of Aeronautical Engineering, Hyderabad | |
| Intermediate | 986/1000 |
| • Sri Chaitanya Junior Kalasala, Nizampet, Hyderabad | |
| SSC | 10 CGPA |
| • Sri Saraswathi High School, Yerravalli, Gadwal | |
-

PROJECTS

Depression Detection Model :

Implemented a machine learning model to detect depression using natural language processing techniques. My role involved data preprocessing, feature extraction, and model training, which enhanced my skills in Python and AI algorithms. Through this project, I learned the importance of data accuracy and model evaluation for achieving reliable results.

Design and Implementation of Image and Video Handling using Reconfigurable FPGA

Designed an FPGA-based system to handle image and video processing tasks, focusing on image scaling. My role was to code the algorithms in Verilog, simulate the design, and verify its functionality using Vivado software. This project taught me the significance of hardware-software co-design and the efficiency of FPGA in real-time image processing.

INTERSHIPS

AI ML Virtual Internship : Developed AI and ML models, applying deep learning techniques to real-world problems during this virtual internship

Embedded Systems and IoT Internship: Gained hands-on experience in designing and implementing IoT solutions using embedded systems

AICTE Cloud Virtual Internship: learned cloud computing fundamentals and implemented scalable cloud solutions, enhancing my understanding of AWS services.

Data Science and AI-ML Internship: Developed predictive models using machine learning techniques, improving my data analysis skills and understanding of AI methodologies.

SKILLS

Programming Languages: Python, C, Java **Web Technologies:** HTML, CSS, SQL

Technical Skills: AI, Machine Learning, Deep Learning, NLP, Embedded Systems, IoT

Soft Skills: Problem-Solving, Team Collaboration, Effective Communication

ADDITIONAL INFORMATION

Certifications: DSA using python by NPTEL, AI Foundation by infosys springboard, AWS Cloud Foundaions and AWS Cloud Architecting by AWS Academy

Achievements: Solved 100+ problems on LeetCode, ranked 708 on GeeksforGeeks, and achieved 375 points with Silver level on HackerRank.