

# PARIDALA DINESH CHOWDHARY

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## PROFESSIONAL SUMMARY

Technically proficient B.Tech Computer Science graduate with a strong foundation in programming (Python, Java, SQL) and web development, combined with proven customer service and problem-solving abilities. Experienced in utilizing computer applications to resolve issues, clarify requirements, and provide support. Excellent communicator eager to apply technical skills and interpersonal abilities in a dynamic role.

## WORK EXPERIENCE

**Associate Analyst (Global Logic)** | Full-Time (Aug'24 - March'25)

- Contributed to AI-focused project, processing real-time data for model training and enhancement.
- Analyzed large datasets to ensure data quality and accuracy for machine learning algorithms.

**Web Development Intern (Learnit.)** | Internship (Aug'23 - Nov'23)

- Designed and built a web application for a hackathon at T-hub and T-works.
- Gained experience in front-end technologies.

**AI & ML Virtual Intern (Edu-Skills)** | Internship (May'23 - Jul'23)

- Completed AWS Academy courses, gaining skills in machine learning, cloud foundations, and security.
- Applied machine learning knowledge in projects, enhancing AI/ML model development and deployment skills.

## TECHNICAL SKILLS

- Front-End:** HTML, CSS, JavaScript
- Back-End:** Java (Core), Python
- Databases:** MySQL, Oracle, PL/SQL
- Machine Learning:** ML/DL Concepts, PyTorch, TensorFlow
- Tools:** Git, VS Code, Eclipse, MS Office 365

## EDUCATION

**Malla Reddy University**

*Bachelor of Technology in Computer Science and Engineering - AI&ML*

*Oct'20 - Jul'24*

**CGPA : 8.49/10**

**Sri Chaithanya Junior Collage**

*State Board of Intermediate Education*

*Jun'18 - Mar'20*

**Percentage : 90.4%**

**Sri Chaithanya School**

*10th Grade*

*Jun'17 - Mar'18*

**CGPA : 9.30/10**

## PROJECTS

**Deep Lane Detection Using SCNN**

- Developed a high-speed lane detection method using Python, PyTorch, and OpenCV, achieving a 4x performance improvement.
- Implemented a novel row-based selection and structural loss technique to enhance accuracy in challenging conditions. [

**Fire Detection Using Deep Learning Techniques**

- Engineered an rTPNN model for multi-sensor fire detection, outperforming traditional models with higher TPR and TNR rates.
- Utilized TensorFlow and PyTorch to develop and train deep learning models.

## ACHIVEMENTS

- Awarded the Merit Certificate at Megathon 2022 by IIIT Hyderabad.
- Served as Student Vice-President of the I&E Cell at Malla Reddy University.
- Organized, volunteered, and been part of several events and workshops under TITA (Telangana Information Technology Association) and WTITC (World Telugu Information Technology Association).

## CERTIFICATIONS

- NPTEL Deep Learning - IIT Ropar
- Fundamentals of cyber security - Paloalto
- SQL and Relational Databases 101 - IBM
- Data Visualization with Python - IBM