

SRAVANTHI GOWRU

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TECHNICAL SKILLS

- **Languages:** Java, Python, R, SQL
- **AI/ML & DL:** TensorFlow, PyTorch, NumPy, Pandas
- **Frameworks:** Django, React.js
- **Tools & Platforms:** Jupyter Notebook, Google Colab, VS Code, Android Studio, GitHub, Maven, Jenkins, Docker, AWS, PrestaShop

EDUCATION

Degree	Specialization	Institute	CPI/Percentage	Year
Integrated M.Tech	CSE	VIT AP University	8.67	2021-Present
Intermediate	MPC	Narayana Junior College	95.1%	2019-21
Secondary School	10 th	Sri Vijaya High School	9.8	2019

PROJECTS

Automated Bus Scheduling

Jan '25

- Developed an automated bus scheduling system using *Express.js*, *Node.js*, and *MongoDB*, optimizing workforce management and reducing scheduling complaints by 50%.
- Designed an intuitive interface with *CSS* and *Bootstrap*, enabling seamless schedule management for staff.
- Integrated a manual edit feature for administrators, ensuring 100% control over shift adjustments.

Malware Classification Framework

Sep '24 – Nov '24

- Proposed a malware classification system using *Python*, *TensorFlow*, and *PyTorch*, achieving **98%** accuracy on the Maling dataset.
- Enhanced the *DenseNet-169* model with custom layers to improve feature extraction and malware detection.
- Optimized data processing and training performance using *NumPy* for efficient manipulation.

Lane Detection Using E-Net

May '24 – Jul '24

- Achieved 96% lane detection accuracy by training the ENet (Efficient Neural Network) model on the TuSimple dataset, ensuring precise lane marking prediction.
- Optimized model performance by integrating dilated and asymmetric convolutions, improving processing speed by 30% while maintaining accuracy.
- Enhanced dataset management and preprocessing using efficient data loaders and normalization techniques, reducing training time by 20%.

CERTIFICATES

- Secured a 2nd position in the National-Level Hackathon held at-NRI Institute of Technology Dec '24
- Certification of Web Development Training - Internshala Trainings Sep '23

EXTRA CIRCULAR

- **Volunteered as Mentor at National Hackathon 2022**, organized by IIEC, VIT-AP University on 12th & 13th November 2022, contributing to event coordination and management.
- **Mentor at Computer Society of India (CSI), VIT-AP University** — Led a team of students in the CSI club, guiding them to build innovative projects, enhancing their skills in web development.