**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**

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

* **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.