SRAVANTHI GOWRU

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TECHNICAL SKILLS

Languages:	Java, Python, R, MySQL
Tools:	Jupyter Notebook, Google Colab, VS Code, Android Studio, GitHub, Maven
Development Platforms:	Android Studio, AWS, Prestashop
Frameworks:	Django, React.js
Libraries:	PyTorch, Tensorflow, NumPy, Pandas

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	10th	Sri Vijaya High School	9.8	2019

PROJECTS

Automated Bus Scheduling   Jan'25
- Developed an *Express.js and Node.js* based automated bus scheduling system that dynamically assigns daily shifts, optimizing workforce management.
- Utilized *MongoDB* to store and manage scheduling data, reducing scheduling-related complaints by 50% through efficient shift distribution.
- Created an intuitive interface using *CSS and Bootstrap*, allowing staff to view and manage schedules seamlessly.
- Implemented a manual edit feature, providing administrators with 100% control over shift adjustments, ensuring flexibility in scheduling.

Malware Classification Framework   Sep'24 – Nov'24
- Proposed a malware classification system using *Python, TensorFlow, and PyTorch*, leveraging deep learning libraries for accurate threat detection.
- Enhanced the *DenseNet-169* model by adding custom layers to improve feature extraction on the *Malimg* dataset.
- Achieved 98% accuracy in malware detection, demonstrating the model's effectiveness in distinguishing malware variants.
- Utilized *NumPy* for efficient data processing and manipulation, optimizing training performance.

Wealth Management Solution   Aug'24-Dec'24
- Introduced a *React.js and Node.js* based finance tracking application, enabling users to efficiently manage income, expenses, budgets, and savings goals, improving financial organization by 70%.
- Implemented *Firebase* for secure user authentication and real-time data synchronization, ensuring 99.9% uptime for seamless access.
- Designed interactive dashboards with *Chart.js and Bootstrap*, enhancing financial insights with 80% better visualization clarity for informed decision-making.
- Integrated a seamless UI/UX experience, enabling intuitive financial tracking and budget management.

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