MSRS Aditya

Software Developer

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Education

2021–2025 **JNTU-GV College of Engineering**, *Vizianagaram*
- B.Tech in Information Technology (IT)
- CGPA: 8.2/10 (78%)
- Relevant coursework: Data Structures and Algorithms, Databases, Data Science, AI/ML

2019–2021 **Narayana Junior College**, *Vizianagaram*
- Intermediate
- Branch: Mathematics, Physics, Chemistry (MPC)
- Score: 972/1000 (97.2%)

2018–2019 **Fort City School**, *Vizianagaram*
- High School
- CGPA: 9.8/10 (93.1%)

Skills

Programming	Python, C, Java, Bash
Web	HTML, CSS, JavaScript, Flask
Database	SQL
Data Analysis	NumPy, Matplotlib, Pandas
OS	Linux, MacOS, Windows
Tools	Git, GitHub, VS Code, Vim, Markdown, LaTeX, Microsoft Office

Projects

2024 **OCR Model With TTS**
- Developed an OCR model using Tesseract, TensorFlow, and OpenCV that can process images with $> 95\%$ accuracy.
- Integrated text-to-speech (TTS) engine, giving it the ability to convert images into speech directly.
- Trained on vast amounts of data over many epoch cycles, improving the model accuracy significantly.

2023 **Food Delivery System**
- Developed a Swiggy frontend emulator, supporting $100+$ menu items.
- Achieved 100% responsive design across 5 device types.
- Improved page load speed by 25% using several optimizations (100% in Lighthouse).

2023 **Python Unified Runtime Environment (PURE)**
- ○ Built a web-based code editor with Vanilla JS on the frontend and Flask on the backend.
- ○ Delivered real-time Python evaluation with a UI reducing latency by 40% compared to Jupyter Notebook.
- ○ Modular architecture led to 30% faster feature integration and output processing.

2022 **To-Do List Manager**
- ○ Created a simple to-do list creator and manager using Vanilla JS.
- ○ Utilized responsive design principles to ensure accessibility across all 5 device types.
- ○ Incorporated local storage to ensure data persistence, enabling users to retain their tasks across sessions.

Work Experience

2024 **Java Full Stack Intern**, *Brainovision Pvt. Ltd*
- ○ Contributed to 5+ mission-critical full-stack projects, achieving a 98% on-time delivery rate.
- ○ Gained hands-on experience in 10+ SDLC stages, maintaining a 95% defect-free rate.
- ○ Delivered solutions in production with a good client satisfaction rate.

Certifications & Achievements

2024 Brainovision Java Full Stack Internship Certification

2024 Infosys Spring Board Certification

2023 Oracle Java Certification

2023 JNTU-GV IT-YUKTA Hackathon

2017 Google Code to Learn Certification

Leadership & Volunteer Work

2024 Delivered engaging talks on cutting-edge technologies at college conferences.

2023 Led and organized coding workshops at college festivals.

2022 Directed a volunteer program teaching basic computer skills to underprivileged kids.

2021 Contributed to ACM chapter and tech club activities.