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, Software Engineering, Databases, AI and 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, Java, C, Bash
Web	HTML, CSS, JavaScript, Flask
Database	SQL
Data Analysis	NumPy, Matplotlib
OS	Linux, MacOS, Windows
Tools	Git, GitHub, VS Code, Vim, Markdown, LaTeX, Microsoft Office

Projects

2024 **Python Unified Runtime Environment (PURE)**
- ○ Engineered a web-based code editor and interpreter leveraging Flask for backend orchestration
- ○ Employed HTML5, CSS3, and Vanilla JavaScript to deliver a responsive and interactive UI/UX, enabling real-time Python code evaluation
- ○ Architected with a modular design pattern to facilitate seamless scalability and future extensibility

2023 **Flavors**
- Developed a frontend emulation of Swiggy utilizing HTML5, CSS3, and Vanilla JavaScript
- Implemented a responsive design framework, including adaptive layouts and interactive UI components
- Optimized performance through advanced coding techniques and adherence to modern web development standards

2023 **Simple Notebook**
- Created a lightweight alternative to Jupyter Notebook using Flask for server-side logic and Vanilla JavaScript for client-side interactivity
- Integrated core functionalities such as dynamic code cell management with output handling via alert dialogs
- Focused on delivering a high-performance, dependency-free environment optimized for computational efficiency

2022 **InstantOCR**
- Developed a Flask-based web application for optical character recognition and text-to-speech conversion
- Incorporated Tesseract for robust OCR capabilities and utilized MacOS's native text-to-speech engine
- Engineered a streamlined user interface to facilitate efficient text extraction and auditory rendering from image inputs

Work Experience

2024 **Java Full Stack Intern**, *Brainovision Pvt. Ltd*
- Contributed to mission-critical full-stack development projects using Java and associated technologies
- Gained comprehensive hands-on experience in software development lifecycle and industry best practices
- Collaborated with cross-functional teams to deliver high-quality software solutions

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 topics at college conferences.

2023 Spearheaded and organized coding workshops for college festivals, fostering peer learning and skill development.

2022 Led a 3-month volunteer program teaching basic computer skills to underprivileged children, enhancing digital literacy in the community.

2021 Actively participated in ACM chapter activities and college tech clubs, contributing to the growth of the tech community within college.