Saketh Chatla

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Professional Summary

Full-stack developer specializing in the MERN stack for building scalable, user-friendly web applications. Strong interest in cloud computing with hands-on deployment and Docker-based workflows. Skilled in problem-solving with Java, integrating AI/ML models into applications, and delivering high-quality, innovative solutions for web and cloud projects.

Technical Skills

Languages: Java, Python, C, C++, JavaScript
Web Development: HTML/CSS, React.js, Node.js
Databases: MySQL, MongoDB
DevOps & Tools: Docker, Git, AWS, CI/CD
Frameworks/Libraries: NumPy, Pandas
Other: Data Structures, Algorithms, OOP

Education

Keshav Memorial Institute Of Technology	Hyderabad, India
B.Tech in Computer Science Engineering	2022 – 2026
Sri Chaitanya Jr College, Kothapet	Hyderabad, India
Intermediate in Mathematics, Physics, Chemistry	2020 – 2022
Percentage: 95.2%	
Sri Chaitanya Techno School, Nacharam	Hyderabad, India
10th Grade	2020

Projects

AR/VR Interior Design Application

- Designed and implemented a VR application in Unreal Engine (Blueprints) enabling real-time 3D customization of furniture, textures, and lighting.
- Delivered an interactive object manipulation feature that boosted prototype user satisfaction to **90%**.

GenAIMed3D: Medical Imaging Analysis Tool GitHub Repo

- Built a web-based medical image analysis tool using UNet, UNETR, and ViT models (Python), improving diagnostic clarity by **30%**.
- Integrated 3D visualization in Unreal Engine, enhancing organ condition interpretation for healthcare professionals.
- Integrated AI/ML models into a MERN stack application for interactive usage.

Medical Store AI Assistant GitHub Repo

- Developed a cloud-based AI assistant to help medical store management, search medicines, and view alternatives using the **Gemini** model.
- Live Demo: MedicalStoreAiassistaint
- Improved accuracy and usability through iterative enhancements based on user feedback.