

# John Wycliffe Ch

(Chindada Devadas John Wycliffe)

🎓 Graduate Year: **2025**    📍 Hyderabad    ✉ Mail    📞 +91-7270811114  
🔗 Portfolio    **in** LinkedIn    🐙 GitHub

## Professional Summary

Innovative **Software Engineering Graduate** with a robust portfolio in **Full Stack Development** and **Generative AI**. Proficient in building scalable web applications using **React.js** and **Node.js**, and engineering intelligent backend systems with **Python**, **RAG pipelines**, and **Vector Databases**. Skilled in optimizing workflows, solving complex algorithmic problems, and delivering user-centric solutions.

## Skills

Languages	Python, Java (OOP), JavaScript (ES6+), TypeScript, SQL
Frontend	React.js, Next.js, HTML5, CSS3, Tailwind CSS, Streamlit
Backend & AI	Node.js, FastAPI, LangChain, RAG, Google Gemini API, OpenAI API
Data & Databases	PostgreSQL, Vector DBs (ChromaDB), Firebase, Redis
Tools & DevOps	Git, GitHub, Docker, Vercel, Postman, VS Code
Core Competencies	Data Structures & Algorithms, System Design, Debugging, Problem Solving

## Projects

DocuQuery — AI-Powered Document QA System (RAG)	<a href="#">Code</a> / <a href="#">Demo</a>
<ul style="list-style-type: none"><li>Built a <b>Retrieval-Augmented Generation (RAG)</b> system to query PDF documents with source-referenced answers.</li><li>Implemented document ingestion, chunking, and embeddings using a <b>Vector Database</b> for semantic search.</li><li>Optimized the API pipeline to deliver low-latency responses, integrating <b>Redis caching</b> to minimize redundant requests.</li><li>Deployed the backend and frontend as containerized services using <b>Docker</b>, ensuring environment consistency.</li><li><b>Tech Stack:</b> Python, FastAPI, ChromaDB, OpenAI API, Redis, Docker, Next.js.</li></ul>	
Prep Wiser — AI-Integrated Interview Platform	<a href="#">Code</a> / <a href="#">Demo</a>
<ul style="list-style-type: none"><li>Developed a full-stack platform integrating <b>Google Gemini API</b> and Vapi AI to simulate real-time intelligent conversations.</li><li>Designed complex decision rules and workflows to manage user session states and secure authentication via <b>Firebase</b>.</li><li>Created a responsive web interface that processes <b>real-time datasets</b> to provide instant feedback to users.</li><li>Conducted rigorous <b>testing and debugging</b> of API responses to ensure the reliability of the AI agents.</li><li><b>Tech Stack:</b> Next.js, Google Gemini API, Vapi AI, Firebase, Tailwind CSS.</li></ul>	
Space-Themed Portfolio — Advanced Frontend Engineering	<a href="#">Code</a> / <a href="#">Demo</a>
<ul style="list-style-type: none"><li>Engineered a high-performance web application featuring complex UI rules and 3D animations using <b>Three.js</b> and GSAP.</li><li>Collaborated on design requirements to translate visual concepts into functional code using modern <b>React best practices</b>.</li><li><b>Tech Stack:</b> React, Node.js, PostgreSQL, Three.js, GSAP.</li></ul>	
Movie Finder — Data Handling & API Integration	<a href="#">Code</a> / <a href="#">Demo</a>
<ul style="list-style-type: none"><li>Integrated third-party APIs (TMDB) to fetch and display dynamic content, demonstrating proficiency in handling <b>**real-time data**</b>.</li></ul>	

- Applied analytical thinking to develop algorithms that filter and rank large datasets based on user preferences.
- **Tech Stack:** React.js, REST APIs, Tailwind CSS.

## Education

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**CSI-Wesley Institute of Technology and Sciences, Hyderabad**

*Dec 2021 – July 2025*

*B.Tech in **Computer Science and Engineering(CSE)***

- **Relevant Coursework:** Data Structures, Object-Oriented Programming (Java), Database Management Systems, Software Engineering.