



Manish Varada Reddy

Dynamic IT professional with a Master's in Information Technology from UWA, bringing expertise in software development, project management, and business analysis to deliver innovative solutions and drive organizational success. (I hold 485 Visa.)

PORTFOLIO : <https://www.manishreddy.com>

LinkedIn : <https://www.linkedin.com/in/manish-varada-reddy-483181292/>



+61 434568063



manishv0815@gmail.com



109A Wigram St,
Harris Park NSW 2150

SKILLS

- * Programming Languages: C/C++, Python, Java, Bash, DSA.
- * Web Technologies: HTML, CSS, JavaScript, TypeScript, PHP.
- * Database Management: SQL, SPARQL.
- * Frameworks: Django, Flask, React.

CERTIFICATION

Microsoft Technology Associate (MTA) – Introduction to Programming using JavaScript
Certificate Number: wAhHC-2Fwb

PROJECTS

- * **V SEVEN FASHION**
Co-Founder & Frontend Developer
www.varada7.com

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 - Designed and developed the frontend of a luxury fashion e-commerce platform, focusing on minimal UI, responsive design, and high-end aesthetics.
 - Built the user interface from scratch using modern web technologies, optimizing for both performance and storytelling.
 - Integrated product showcasing, payment flows, and branding consistency for a seamless shopping experience.

V SEVEN INTERIORS

Web Developer & Visual Designer

www.vseveninterior.com

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 - Designed and developed the official website for a Dubai-based interior design brand specializing in bespoke white-and-gold luxury decor.
 - Handled branding integration, UX design, and SEO optimization to enhance discoverability and client engagement.
- * Agile Web Development Project
 - Collaborated on a web development project using Agile methodologies, focusing on iterative development and client feedback.

PROJECT NAME : PuzzleMe Application

Full Stack Developer

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 - Developed an online platform for creating, searching, and playing puzzles using HTML5, CSS, Bootstrap, jQuery, AJAX, Flask, Websockets, and SQLite (via SQLAlchemy).

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 - Implemented user management features such as signup, login, logout, and profile editing.
 - Enabled users to create and search puzzles, with gameplay involving guessing letters to solve puzzles.
 - Developed a leaderboard to display top players based on their scores and ranks.
 - Used Pytest and Selenium for unit testing, ensuring the reliability and correctness of the codebase.

(<https://github.com/Manishv005/AgileWebDevProject35.git>). puzzleme.onrender.com

- * **Interactive Visualization Tool for ISO 15926-4 Hierarchical Data for (NLP-TLP UWA GROUP)**
Contributed significantly to the development of an interactive visualization tool for exploring hierarchical relationships using Streamlit, NetworkX, and D3.js.

Key contributions included:

- GUI Design and Webpage Layout: Designed the complete graphical user interface, integrating the client's logo and structuring the webpage for intuitive navigation.
- Enhanced Search Functionality: Developed advanced search features, including search by name, adjustable parent/child node levels, and auto-fill suggestions.
- Graph Interaction and Visualization: Implemented color-coded nodes, corrected arrow direction, and ensured hierarchical flows were clearly visualized. Added functionality for switching between plot types and optimized plot dimensions.
- Hierarchical Tree Visualization: Created a D3 tree structure to visualize entire hierarchies dynamically.
- User-Centric Enhancements: Improved user experience with interactive features like node clicking, hovering, and dragging, along with clear visual indicators for easier comprehension of complex data.

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 - Technologies used: **Streamlit, NetworkX, D3.js, SPARQL**

<https://github.com/nlp-tlp/15926-4-CITS5206-18.git>
(https://youtu.be/yO_YqlkHXQc?si=VmQi4tQF6sigJV70)

EDUCATION

Master of Information Technology

2023-2024

University of Western Australia, Perth

GPA : 5.1 out of 7

Bachelor of Engineering in Information Science and Engineering

2017-2021

Sambhram Institute of Technology, Bangalore

CGPA: 7.69

12th Grade , PRE-UNIVERSITY (PCMC)

2015-2017

Reva Independent PU College, Bangalore

Percentage: 70.66%

Grade 10th, Board-ICSE

2015

Ryan International School, Bangalore

Percentage: 76%

EXPERIENCE

Intern, Python-based ERP Modules and Web Technologies

- * Prime Minds, Bangalore
(Jan 2020 – Apr 2020)
 - Developed ERP lifecycle modules including invoice generation and inventory management using ODOO.
 - Created a website for user login data storage and validation.