NENYASHA MADYAVANHU

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Portfolio: https://nenyasha.pythonanywhere.com/
GitHub: https://github.com/Dei-gratia

RELEVANT SKILLS

Programming Languages:

- Python
- Java
- C++
- C
- JavaScript
- HTML & CSS

Technical Courses:

- Object Oriented Programming
- Database Management System
- Operating System
- Linux and Shell Scripting
- Data Structures
- Design and Analysis of Algorithms
- Software Engineering
- Software Project Management
- Web Development
- Cloud computing
- Business Analytics
- Computational Intelligence
- Artificial intelligence
- Machine Learning

LANGUAGES

- English (Fluent)
- Shona (Native)

HOBBIES

- Algorithm Challenges
- Leaning new technologies
- Reading facts and surfing the internet
- Chess
- Travelling

CAREER OBJECTIVE

Driven Master of Engineering in Computer Science and Engineering graduate with a solid foundation in programming logic, software engineering, machine learning, and research. I am seeking a position where I can solve problems, contribute to cutting-edge development and research, and continue to grow and learn.

EDUCATION

Master of Engineering in Computer Science and Engineering

- Chandigarh University, India
- 08/2022 – 07/2024

Bachelor of Technology in Computer Science and Engineering - CGPA 8.87/10

- APG Shimla University, India
- 2018 – 2022

INDUSTRIAL TRAINING/CERTIFICATIONS

1. Intern -Full stack Python Development

OceanaTech: 01/2022 – 07/2022

- Assisted software engineers in designing and developing comprehensive websites using Python Django.
- Contributed to designing user interactions and developing databases for web applications.
- Wrote Python scripts to enhance website functionality and performance.
- Conducted testing and debugging to ensure program reliability and efficiency.

2. Microsoft Certified: Azure Data Scientist Associate

- 06/2024 – 06/2025

PUBLICATIONS (Published/In Press)

1. Madyavanhu, N., Kumar, V. Utilizing multi-population ant colony system and exponential grey prediction model for multi-objective virtual machine consolidation in Cloud Data Centers. *Int. j. inf. tecnol.* (2024). https://doi.org/10.1007/s41870-024-01949-0
2. N. Madyavanhu, "Enhancing Resource Utilization and Energy Efficiency in Cloud Data Centres: An Overview of VM Consolidation Techniques." *International Conference on Advances in Smart Sensor, Signal Processing, and Communication Technology*, March 2024. In Press.
3. N. Madyavanhu and V. Kumar, "Multi-resource Balance Virtual Machine Consolidation Based on Extreme Learning Machine and Improved Grey Wolf Optimizer." *Sixth International Conference on Computational Intelligence and Communication Technologies*, April 2024. In Press.