

Himanshu Nagose

 Himanshu Nagose |  Himanshu Nagose |  himanshunagose1806@gmail.com |  +91 9518732978

SKILLS

- Containerization using Docker
- Python (Scripting Language)
- Linux Fundamentals
- Basic of Networking
- Linux OS
- AWS Fundamentals
- Java
- Github
- Git

PROJECTS

Hybrid Beamforming for mmWave Massive MIMO | Final Year Major Project (2024 – Present)

- Improving spectral efficiency, reducing interference, and optimizing system performance.
- Minimizing hardware complexity while ensuring scalability and adaptability.
- Evaluating and validating the solution against traditional methods for better efficiency.

WeatherSphere: A Dockerized Weather App with OpenWeather API | Own Project (2025)

- Project Development: Built a weather app using HTML, CSS, JavaScript, and OpenWeather API for real-time weather data.
- Dockerization: Created a Dockerfile to containerize the app and start the server.
- Image Management: Built and pushed Docker images to a private repository for secure storage and deployment.

Python & Advanced Python Programming | Internship at Pantech E-Learning (Dec 2023 - Jan 2024)

- Organized By : Institution of Electronics & Telecommunication Engineers - IETE, Chapter.
- Project : Electric Fault Detection and Med Bot using Python.

Multitasking Mobility Vehicle (MMV) using Raspi | Third Year Mini Project (2023 - 2024)

- Designed & developed a versatile robotic vehicle leveraging Raspberry Pi & YOLOv5 for advanced functionality in autonomous navigation, obstacle avoidance, line following, & real time object detection.
- Implemented manual control capabilities & integrated multiple sensors for enhanced operational flexibility and efficiency.

Library Management System using COre Java | Own Project (2022 - 2023)

- Developed a comprehensive Library Management System using Advanced Java.
- Implemented features for book cataloging, member management, & borrowing/returning books.
- Designed a user friendly interface with robust functionalities to streamline library operation & enhanced user experience.

EDUCATION

- **BE Electronics & Telecommunication — NMIET, Pune**
Aggregate CGPA : 7.77 (Till 7th Sem) | 2021 – 2025
- **12th (CBSE) — Kendriya Vidyalaya No.2 Ordnance Factory Dehu Road, Pune**
Percentage : 82.40% | 2020 – 2021
- **10th (CBSE) — Kendriya Vidyalaya No.2 Ordnance Factory Dehu Road, Pune**
Percentage : 84.80% | 2018 – 2019

CERTIFICATION

- **AWS Cloud Practitioner Essentials** | 2nd Jan 2025 – 31st Jan 2025
- **Introduction to DevOps** | Oct 2024 – Nov 2024
- **Python Complete Course for Python Beginners** | 14th Jan 2023