

Naman Chandraprakash Agarwal

✉ ncgagarwal@gmail.com ☎ +91 9321575673 📍 Mumbai, India 🌐 Naman Agarwal 🔄 Naman Agarwal

PROFILE

I am a Computer Science student with skills in software development. My projects, including Cosmos Club initiatives, demonstrate my technical expertise and problem-solving abilities. I am eager to apply these skills to contribute effectively to your company's success.

EDUCATION

Swami Vivekanand International School (ICSE) 2021 | Mumbai, India
Class 10th - **98.40%**

SVP Junior College of Science (MSBSHSC) 2023 | Mumbai, India
Class 12th - **79.50%**

MIT World Peace University, Bachelor of Technology 08/2023 – 05/2027 | Pune, India
Computer Science & Engineering
CGPA : 8.77/10 [as of Semester 5]

SKILLS

Programming Languages – C, C++, Python, SQL

Frameworks – NumPy, Pandas, Scikit-Learn, Matplotlib, TensorFlow, Big data Tools (Apache Hadoop, Spark, Hive, Pig), Flask, Streamlit

Managerial & Soft Skills – Leadership, Team Work, Team Management, Project Management

PROJECTS

1. AI-driven Cloud Drug Management (Runners-up in HackMIT-WPU'25-AWS Re'forge),

Cloud-based drug inventory and supply chain monitoring system using Amazon Web Services(AWS)

- Enables real time inventory tracking, demand forecasting, and secure traceability. IoT monitors storage conditions, AI prevents shortages and blockchain ensures security.
- This solution optimizes supply chain operations, reduces losses, ensures compliance, transforming pharmaceutical logistics with efficiency, transparency, and reliability.

2. Supply Chain Management System, Explainable AI-based Supply Chain Analytics

- Built an Explainable AI-driven supply chain analytics system using Random Forest Models to forecast late delivery risk and order profitability with high accuracy.
- Achieved 72.4% accuracy in late delivery risk classification and 0.998 R² score with 0.033 MAE for profit regression, demonstrating strong model performance and reliability.
- Implemented SHAP explainability to identify key feature contributions, enabling transparent, data-driven decision-making and reducing black-box model dependency.
- Achieved 1st place in Intra-Department project competition under Intelligent Agents track.

3. All-Sky Camera, Automated Night Sky Monitoring and Imaging System

- Developed an all-sky camera system with Raspberry Pi 5 for continuous sky monitoring.
- Integrated image capturing and image processing techniques for enhanced data visualization.

CO-CURRICULAR EXPERIENCE

Cosmos MIT-WPU, Executive Member - Head of Observatory 11/2023 – present | Pune, India

- Led MIT-WPU's largest student astronomy project, managing technical teams across observation, automation, data analysis and research.
- Delivered hands-on workshops on telescopes, astronomy, and image processing.
- Built and operated systems including all-sky cameras, dome automation, and deep-sky imaging setups.

ACHIEVEMENTS

Runners-up, HACKMIT-WPU'25 - AWS Re'forge 27/03/2025
AI-Driven Cloud Drug Management System.

Runners-up, HACKMIT-WPU'25 - COSMOTRON 28/03/2025
AI-Powered Density Prediction of Space Debris.

LANGUAGES

English, Hindi