



OMII CHAUHAN

Roll No.: 23MMB0A31

B.Tech in Metallurgy and Material Sciences
National Institute of Technology, Warangal

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EDUCATION

National Institute of Technology, Warangal

B.Tech in Metallurgy and Material Sciences

2023 – 2027

Telangana State Board of Intermediate Education (Class XII)

Higher Secondary

2022

96%

Central Board of Secondary Education (Class X)

Secondary School

2020

93%

EXPERIENCE

Rajputana Vehicles Pvt. Ltd.

Data Analyst Intern

May 2025 – June 2025

Madhya Pradesh, India

- Developed "Python automation scripts" to streamline data processing, significantly reducing manual analysis time.
- Performed "quality validation" on large datasets to ensure accuracy for strategic decision-making.
- Designed "KPI dashboards" in Power BI to monitor performance metrics and automated monthly reporting.
- Implemented "K-Means Clustering" to segment customers, enhancing targeted marketing efficiency.

PERSONAL PROJECTS

AutoSight SaaS

AI-Powered Automotive Market Analysis Platform

2024

- Tools & Technologies:** FastAPI, React, PostgreSQL, Redis, Docker, CI/CD
- Built a multi-tenant SaaS platform with "automated deployment pipelines (CI/CD)" for reliable updates.
- Wrote "unit tests" to verify API reliability and ensure high-quality service delivery.
- Integrated AI models to provide actionable insights into automotive market trends.

Credit Risk Intelligence

Automated Credit Risk Assessment SaaS

2024

- Tools & Technologies:** Python, Streamlit, Scikit-learn, Pandas
- Developed an automated system to predict borrower default risks, ensuring "data integrity" and accuracy.
- Created an interactive dashboard for real-time risk assessment and visualization.

TECHNICAL SKILLS AND INTERESTS

- Languages:** Python, JavaScript/TypeScript, C++, Java, SQL
- Frameworks & Tools:** FastAPI, React, Git/GitHub, CI/CD, Docker
- Quality & Automation:** Test-Driven Development (TDD), Automated Testing, Unit Testing
- Cloud/Databases:** PostgreSQL, Redis
- Soft Skills (Verified):** Decision Making (Thoughtful Planner), Effort (Reliable), Focus (Consistent)
- Areas of Interest:** Quality Engineering, Automation, Game Development, Full Stack Development

POSITIONS OF RESPONSIBILITY

PR Team Head, Technozion

Technical Fest, NIT Warangal

2023 – 2024

- Led the Public Relations team for one of South India's largest technical fests.

Sponsorship Team Head, Springspree

Cultural Fest, NIT Warangal

2023 – 2024

- Managed corporate sponsorships and partnerships for the annual cultural fest.

ACHIEVEMENTS

- Electronic Arts (Forage):** Optimized "C++ codebase" by identifying and patching defects, enhancing overall game stability and "code quality". Proposed a new feature with a comprehensive design document.
- JPMorgan Chase (Forage):** Analyzed a loan book using "quantitative methods" and verified data accuracy. Implemented "dynamic programming" solutions to predict default probabilities effectively.
- Hackathons & Competitions:** Active participant in coding competitions, focusing on "efficient and bug-free code".