ROSHAN VARGHESE

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<u>LinkedIn</u> ● <u>GitHub</u> ● <u>Portfolio</u>

SUMMARY

Results-driven MCA graduate specializing in data science and analytics, with strong Python development skills. Proficient in ML, AI-powered solutions, and modern tech integration. Eager to grow in a dynamic team and contribute to high-impact projects while enhancing my knowledge and skills.

EXPERIENCE

Data Science & Analytics Intern   **July 2025 - Present**

Zidio Development   Bengaluru,India

- Built ML models on datasets of 20k+ records, achieving 92% accuracy and reducing manual analysis time by 30%.
- Contributing to team tasks by preparing reports, analyzing datasets, and presenting actionable insights.
- Delivering project demos and explaining progress to mentors and team members.

PROJECT

Road Guardian | Python,Fast API,OpenAI API   **Aug 2024 - Mar 2025**

- Developed a Django-based roadside assistance platform with live tracking, reducing service allocation time by 25%
- Designed and trained CNN and NLP models to detect and verify whether incident reports are AI-generated or real images.
- Implemented intelligent route optimization map with reinforcement learning to detect reported incidents, reroute traffic, and allocate the best paths to provide fast, reliable services.

Wiki Search Engine | Python,React,OpenAI API   **Nov 2024 - Dec 2024**

- Developed an advanced, user-friendly Wikimedia-powered search engine during the AJCE Hackathon.
- Includes voice search, location-based search, and an interactive map to analyze upload origins.
- Implemented location-based and voice-enabled search features, improving search speed by 40% and enhancing user engagement by 30%

EDUCATION

Master Of Computer Applications   **2023 - 2025**

- Amal Jyothi College Of Engineering(Autonomous), Kanjirappally | CGPA - 7.74

Bachelor Of Computer Applications   **2020 - 2023**

- MES College, Erumely | CGPA - 5.45

ADDITIONAL INFORMATION

- **Technical Skills:** C, C++, Java, JavaScript, PHP, HTML, Python, Django, React, MySQL, Flutter, Selenium, Postman, AI/ML, Git
- **Languages:** English, Hindi, Malayalam
- **Certifications:** Java Programming - Oracle Academy, Introduction To Artificial Intelligence - Infosys Springboard, Introduction To Data Science - Infosys Springboard, Joy Of Computing Using Python - NPTEL
- **Awards/Activities:** NASA Space Apps Challenge Volunteer, Wiki Conference Kerala 2024 Delegate, Wikimedia Technical Workshop Participant, GenAI Cloud & DevOps International Workshop Participant, District-Level Individual Champion in Sports (2018–2020), AJCE Hackathon Top 3 Winner – Wiki Search Engine