

NISHANTH N

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EDUCATION

Maharaja Institute of Technology Mysore	Mandya, Karnataka
Bachelor of Engineering (B.E.) in Information Science Engineering CGPA: 8.15/10.0	2021-2025
Sadvidya Composite PU College	Mysore, Karnataka
Pre-University Education Science Percentage: 77.5%	2020 – 2021
Marimallappa's High School	Mysore, Karnataka
Secondary Education Percentage: 81.44%	2018 – 2019

WORK EXPERIENCE

RUNSHAW TECHNOLOGIES	Mysore, Karnataka
Internship Trainee	Oct 2023 - Nov 2023
<ul style="list-style-type: none">Contributed to the full lifecycle development of a mobile application using Flutter, gaining hands-on experience in UI implementation and cross-platform compatibility.Successfully completed all assigned tasks for mobile application development, demonstrating strong adherence to project timelines and technical specifications.Gained practical exposure to industry-standard technologies and agile development methodologies within the IT sector, enhancing understanding of the professional work environment.	

ACADEMIC ACHIEVEMENTS

Carrer Essentials in Generative AI

- Explore the transformative use of generative AI in various industries, including healthcare, finance, entertainment, and beyond.
- Address ethical issues such as AI biases, privacy concerns, and the societal impact of automated decision-making.
- Discuss the challenges in deploying generative AI systems, including ensuring fairness, transparency, preventing misuse, and maintaining security.
- Engage in case studies and projects to learn how to implement generative AI responsibly and effectively in real-world

PORTFOLIO PROJECTS

- Enhanced Kidney Diagnosis by CT Scan Stone Annotation:** Developed an automated framework for kidney stone detection using CT scans with the YOLO NAS model. Achieved 93% mAP at 0.50 IoU on a dataset of 10,000+ images, ensuring high accuracy and real-time performance.
- Virtual Rubik's Cube:** Developed a Python-based 3D Rubik's Cube simulator utilizing Pygame and OpenGL, demonstrating proficiency in graphical programming and algorithm implementation (layer-by-layer solving).
- Hotel Management System:** Designed and implemented a Hotel Management System that improved dining efficiency by enabling online table bookings and automating reservations, resulting in a 30-table capacity increase during peak hours. Incorporated customer preference tracking for personalized service.

SKILLS

- Technical Skills:** C, Java, Python, HTML, CSS, SQL
- Tools and Technologies:** Vs Code, MS office, MySQL, Git and GitHub, Django and Flask Frameworks

CERTIFICATIONS

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| JavaScript Bootcamp – LetsUpgrade | Oct 2024 |
| Career Essentials in Software Development – Microsoft & LinkedIn | Sep 2024 |
| Machine Learning with Python – FreeCodeCamp | Sep 2024 |