Arun Kumar Pillai

Radiology Technologist (CT and MRI)

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Personal statement

Radiology technologist with 5 years of experience in digital X-ray, multi-slice CT and 1.5T MRI at a tertiary hospital and a diagnostic centre. Skilled in patient positioning, contrast studies, protocol selection and image post-processing, with strict adherence to AERB radiation-protection and MRI safety practices.

Certifications

Radiation safety training for diagnostic radiology (AERB guidelines) · Hospital radiation safety programme — Jun 2023

Basic Life Support (BLS) Provider · AHA-authorised training centre — Mar 2025

Work experience

Senior Radiology Technologist · Ananthapuri Institute of Medical Sciences, Thiruvananthapuram — Jan 2023 – Present

- Perform 35–45 CT scans a shift on a 128-slice scanner, including CT angiography, triple-phase abdomen and emergency stroke protocols.
- Cut repeat scans from 4.2% to 1.8% by standardising positioning and breath-hold coaching across 9 technologists.
- Run 1.5T MRI scans for neuro, spine and musculoskeletal cases with complete MRI safety screening for every patient.
- Wear and track TLD badges and maintain daily QA phantom logs; the department cleared AERB and NABH inspections without observations.

Radiology Technician · Kovalam Diagnostic and Imaging Centre, Thiruvananthapuram — May 2021 – Dec 2022

- Handled 80–100 digital and CR X-rays a day, including portable and paediatric studies.
- Assisted radiologists in barium studies, IVP and HSG procedures and prepared contrast under supervision.
- Archived studies to PACS and corrected DICOM worklist errors, reducing report delays from mismatched entries.

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Education

B.Sc in Medical Radiology and Imaging Technology · College of Allied Health Sciences, Kollam — 2017 – 2021
Grade: 7.4 CGPA

Skills

- ✓ Digital X-ray and CR
- ✓ Multi-slice CT (128-slice)
- ✓ MRI 1.5T
- ✓ Contrast administration support
- ✓ CT angiography
- ✓ PACS and RIS
- ✓ Image post-processing (MPR, MIP, 3D)
- ✓ Radiation protection (ALARA)

Languages

English · Professional | Malayalam · Native | Tamil · Conversational

Core skills

- Patient positioning
- MRI safety screening
- Patient care and comfort
- Quality assurance
- Teamwork with radiologists