



# AJMAL ROSHAN T

**Address:** Dar-Al-Karama, street no:21, Al karama, Dubai

**Phone number:** +9710504592941 **Email address:** ajmalroshan78611@gmail.com

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## Profile

Dedicated and detail-oriented Anesthesia and Operation Theatre Technologist with hands-on experience in anesthesia administration, perioperative patient care, and critical care equipment management. Skilled in assisting anesthesiologists across a wide range of surgical specialties, ensuring patient safety, and maintaining compliance with healthcare standards. Seeking to leverage my expertise in anesthesia technology, surgical support, and equipment handling to contribute to advanced healthcare organizations while enhancing patient outcomes.

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## Work Experience

### **Anesthesia & Operation Theatre Technologist | Almas Hospital, Kottakkal, Kerala, India | Dec 2023 – Sep 2025**

- Assisted anesthesiologists in preparation and administration of anesthesia for diverse surgical procedures.
- Conducted setup, calibration, and functionality checks of anesthesia machines and monitoring equipment.
- Supported airway management including intubations, LMA insertions, and mask ventilation.
- Performed IV cannulation, arterial line insertion, and central venous cannulation under supervision.
- Monitored vital signs and patient responses throughout surgeries, ensuring timely interventions.
- Carried out preventive maintenance of anesthesia equipment, defibrillators, and syringe pumps.
- Prepared anesthetic drugs, IV fluids, and maintained sterile protocols for safe patient care.

### **Anesthesia & Operation Theatre Technologist | Bloomlife Hospital Pvt. Ltd., Chennai, India | Dec 2022 – Sep 2023**

- Assisted in anesthesia procedures for complex surgical specialties including cardiac, neuro, and pediatric surgeries.
- Monitored patient parameters intraoperatively and supported anesthesiologists during critical interventions.
- Maintained and sterilized OT instruments, ensuring readiness for procedures.
- Conducted calibration and troubleshooting of anesthesia machines and critical care devices.
- Prepared surgical drugs, monitored dosages, and adhered to sterile techniques.

### **Internship (Operation Theatre & Anesthesia Technology) | Sree Balaji Medical College and Hospital, Chennai, India | Mar 2021 – Mar 2022**

- Gained extensive hands-on training in OT procedures, anesthesia assistance, and patient care.
- Supported surgical teams in multiple specialties including general, orthopedic, ENT, and laparoscopic surgeries.

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## Education

- **B.Sc. in Operation Theatre & Anesthesia Technology** | Sree Balaji Medical College and Hospital, Chennai
- **Higher Secondary** | Malabar English Medium Higher Secondary School, Kottakkal – Kerala Board of Higher Secondary Examination
- **SSLC** | Kuthubuzaman English Medium Higher Secondary School, Chemmad – Kerala Board of Public Examination

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## Core Competencies and Skills

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- ♦ **Anesthesia techniques:** Proficient in preparing and administering general, regional, and local anesthesia with focus on patient safety and accuracy.
- ♦ **Airway management:** Skilled in intubation, LMA insertion, Ryle's tube insertion, and mask ventilation, including support in difficult airway cases.
- ♦ **Vascular access:** Experienced in IV cannulation, arterial line insertion, and central venous cannulation for surgical and critical care support.
- ♦ **Medical equipment:** Strong knowledge of anesthesia machines, ventilators, defibrillators, syringe pumps, ABG analyzers, and fiberoptic scopes; capable of calibration and troubleshooting.
- ♦ **Perioperative monitoring:** Adept in monitoring heart rate, blood pressure, oxygen saturation, and respiratory parameters during surgeries.
- ♦ **Surgical exposure:** Assisted in diverse specialties including cardiac, neuro, renal, pediatric, orthopedic, bariatric, liver transplant, laparoscopic, ENT, gynecology, and general surgeries.
- ♦ **Digital skills:** Proficient in medical documentation, OT reporting, MS Word, MS Excel, basic computer operations, data entry, and hospital information systems.

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## Certifications

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- ♦ BLS (Basic Life Support) & ACLS (Advanced Cardiovascular Life Support) – AHA Certified, Nov 2024
- ♦ Health and Care Professions Council (HCPC) – Sep 2025
- ♦ AAHP Council – Registered May 2022
- ♦ Dubai Health Authority (DHA) – May 2025

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## Machines and Equipment Handled

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Anesthesia Machine | Breathing Circuits | Anesthesia Monitors | Defibrillators | Syringe Pump | ABG Analyzer | Fiberoptic Scopes | Transducer | OT Table | Fluid Warmer | Diathermy | Laparoscopic Machines | USG and C-Arm X-ray Machine | Pressure Monitoring

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## Personal Details

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- ♦ Nationality: Indian
- ♦ Passport Number: W0387958 | Expiry: 12 May 2032

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## Languages

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English | Hindi | Tamil | Malayalam | Arabic

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## References

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Available upon request.