

Trupti Arun Kadam

M.Tech ICT/ ELV Engineer

Mobile : +91-9175275067

Email: truptikadam162@gmail.com

Career summary and Profile:

- With 3.6+ years of experience, I specialize in designing **ICT, ELV, and Security systems**, and have effectively managed a range of international projects.
- Sectors handled: Commercial, residential, High Rise buildings, Airports, School and Tunnel.
- Leading all ICT and ELV engineering tasks on a project.
- Self- motivated professional with in-depth technical knowledge, effective project management.
- Well familiar with international standards like **NFPA, TIA, BICSI**, as well as **local codes** for the UAE, Saudi Arabia, and Qatar.
- Expertise in **Revit, Autocad, Civil 3D and Navisworks** - BIM (Building information modeling). Can efficiently apply them in building design coordination and to produce clashfree coordinated revit models.
- Experienced in **iBwave** Wi-Fi simulation software, with hands-on project experience in designing and optimizing wireless networks for optimal performance.

Key Engineering Skills:

- Planning and managing the project's engineering aspects, including design progress and contracts.
- Review and prepare the ICT and ELV design calculations such as
 - Cable tray size calculation,
 - CCTV storage calculation,
 - Access Control battery calculations,
 - FACP battery calculation,
 - NAC voltage drop calculation
- Space planning for various ICT and Security related spaces such as Server rooms, Floor telecom rooms, Security equipment and control rooms, Service provider rooms GSM rooms, Fire command center, etc.
- Review and prepare ICT, Security, ELV schematics diagrams for below mentioned list of **systems**
 - ICT data network
 - Structured cabling network.
 - CCTV system
 - Access control system
 - Fire alarm system
 - Public address system
 - Audio visual system for various AV enabled spaces like meeting, conference rooms, auditorium

- IP-telephony system
- Wireless LAN system
- Disabled toilet system
- Intercom system
- Intrusion detection system
- Review and prepare **technical specifications** as well as tender drawings, **Bill of Quantities** with cost estimates and method of measurements(**MOM**).
- Prepare submittal stage **design reports**.
- Serving as a single point of contact and facilitating interdepartmental coordination with architects, civil, mechanical, and electrical teams.
- Vender drawings review and material submittal approvals
- Design safety reviews throughout the project life cycle.
- Documentation for reporting (status report, minutes of meeting, variance report)
- Inputs to risk register, lessons learned, and project archiving, quality assurance & quality control.

Employment History

Company Name	Role/Description	Employment Period
Dar Al Handasah, Pune	Telecommunication engineer - Currently working in Dar-Al-Handasah, performing role of telecommunication engineer, handling projects in UAE, Saudi Arabia, Angola.	July'21 to Present

Major Projects:

King Khalid International Airport, Riyadh

- **Type Of Project:** Airport
- **Role:** Design Engineer for ICT, ELV and Security systems

Avenues Mall, Saudi Arabia

- **Type Of Project:** Mall
- **Role:** Design Engineer for ICT, ELV and Security systems

Baniyas North School, Abu Dhabi

- **Type Of Project:** School
- **Role:** Design Engineer for Fire Alarm and Security systems

Sadiyat Luxury Villas, Abu Dhabi

- **Type Of Project:** Resedential villas with Infrastructure.
- **Role:** Design Engineer for ICT, ELV systems.

Dubai Harbour Residence, Dubai

- **Type Of Project:** Resedential.
- **Role:** Design Engineer for ICT, ELV systems.

Poland Airport , Poland

- **Type Of Project:** Tunnel.
- **Role:** Design Engineer for ICT, ELV systems.

Educational Qualifications

Academics	Year of Passing	Board/University	Institute	Aggregate Marks
M.Tech	June 2021	Shivaji University, Kolhapur	Walchand College of Engineering, Sangli	8.25 CGPA
B.E.	June 2019	Shivaji University, Kolhapur	DKTE Textile & Eng Institute, Ichalkaranji	68%
HSC	May 2015	Maharashtra Board	A.N.N. Junior college, Jaysingpur	62.79%
SSC	May 2013	Maharashtra Board	Nandani High School Nandani	91%

Personal Details

DOB: 07 Dec 1997

Hobbies: Traveling, Cooking

Nationality: Indian

Languages known: English, Hindi, Marathi