Trupti Arun Kadam

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# 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

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| --- | --- | --- |
| **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

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| --- | --- | --- | --- | --- |
| **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