

RESUME

Sampada Swami

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Nationality: Indian

Objective

In pursuit of challenging and enriching assignments in Design Engineering and Estimation with an organization of high repute.

Education

Bachelor of Engineering in Electronics with 64%

Institute: Padmabhushan Vasantraodada Institute of Technology, Budhgaon, Sangli, India

University / Board: Shivaji University, India

Year of Passing: 2009

Language Skills

1.English

2.German: B1 Level Completed with Orientation course (November 2016-December 2017)

3.Mother Tongue: Marathi, Hindi (National Language)

Previous Employment

Organization - **Honeywell Automation India Ltd, Pune, India**

Period - September 2014 to August 2016

Designation - Systems Engineer HBS, Global Engineering Services.

Organization - **I-cube Automation Consultancy Services, Pune**

Period - July 2011 to August 2014

Designation - Sr.Design Engineer.

Organization - **Supreme Industries, Pune**

Period - December 2009 to May 2010

Designation - Production & Design Engineer

Skills

- Knowledge of fire alarm codes and design. Example- NFPA-72, IBC 2009 & CAN-ULC-S524-06.
- Designing systems using fire alarm panels like XLS3000, XLS140-2, XLS120.
- Worked for Fire hardware & software estimation jobs.
- Good at preparing Specifications Compliance & High-Level Riser for Fire Estimation jobs.
- Worked for Security hardware estimation jobs.
- Good at project Specification study and Requirement gathering.
- Skilled in device layout design, battery sizing, and voltage drop calculations.
- Skilled in generation of bill of material by correct selection of the field as well as device components.
- Knowledge of integrating various building systems to the automatic fire alarm system- such as Elevator control, Sprinkler control, HVAC control, Door lock control, Access Control system, FM200, Kitchen Hood system & Public addressing system.

Fire Detection System:

- XLS 3000 Fire Alarm System
- XLS120 Fire Alarm System
- XLS140-2 Fire Alarm System

Certification:

Technical training course covering:

- XLS140-2, XLS3000 & XLS-DVC
- VERIFIER (Honeywell proprietary)
- **IBM** Data Science Professional Certificate

Others:

B1 level Certification of German Language with Integration Certificate.

Software tools:

- AUTOCAD
- MS Office
- Jupyter Notebook

Job Profile

- Technically accomplished professional with 5.5 years of experience in IBMS Projects designing & Estimation.
- Worked as an Engineer, involved in the design engineering & estimation of Fire Detection for various projects from North Americas.
- Production planning of Electrical/Electronic based Control Panel.
- Commissioning of Electrical/Electronic Control Panels.
- Preparing fire hardware, software estimates with specifications compliance.
- Preparing Bill of Material & High-level riser for estimation jobs.
- Technical discussions with the client and consultant.
- Implementation of engineering process for hardware.
- Raising RFI's.
- Analyzing tender documents, drawings & schedules.
- Comparison studies based on quotations.

- Maintaining ISO documentation, record keeping, suppliers/Manufacturers Data Bank records.

Detailed engineering of hardware for the above-mentioned systems which involves:

1. Selection of devices required for the project & their data specifications.
2. Designing Fire Alarm System Hardware for Fire Alarm Systems Honeywell products and technologies.
3. Device Selection, generating device risers for NAC & SLC devices.
4. System architecture diagram, systems wiring for Fire Alarm Control Panel & SLC/NAC devices.
5. Prepare Bill of Material.
6. Prepare detailed sequence of operation.
7. Panel Assembly, Elevation Generation.
8. Control panel design.
9. Design of standard templates for engineering drawings.
10. Integrating various building systems to the automatic fire alarm system.
11. Ensuring quality & process as per client and company requirements.

Achievements

- Star Award in Honeywell - Recognition for delivering complex Fire Alarm estimate (Bill of Material, hardware engineering Hours Estimate, High Level Riser) for US Army project in Poland with quality & in short span of time.
- Volunteered at a local community center for a help to provide food, educational resources, teaching and support to impaired & underprivileged children.
- Currently involved in volunteering at a nonprofit charitable organization for Indian cultural events in Washington state and actively participated also.