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**Job Objective:**   
To obtain a challenging position with an engineering firm that would offer me opportunities to utilize my geotechnical instrumentation and data processing skills in assessing the nature of earth's materials for several types of construction projects.

**Career Summary:**   
A persistent performer and quality focused team leader with 5+ years of work experience into project engineering and geotechnical instrumentation. Skilled in identifying and analyzing requirements within changing environments and providing apt solutions for those requirements. Strong inquisitive nature with good grasping power. Self-motivated and creative to draw solutions fitting with industry ethics. Current on emerging engineering trends and techniques. Ability to incorporate new technologies with established processes, Skilled in maintaining relationship with clients, team, and management. Proficiency in computer and written and oral communications. Strong analytical and project-management skills. Excellent inspection and time management skills. Ability to handle large-scale projects. Ability to work round the clock.

**Professional Attributes**

* Team Co-ordination
* Field Review
* Quality Control
* Document Review

**Personal Attributes:**

* Communication Skills
* Organizer
* Good Co-ordination Skills
* Motivator
* Good team leader
* Team Player
* Leadership Qualities

**Educational Qualifications:**   
  
**Bachelor of Engineering (Electronics & Instrumentation)** from Kongu Engineering College, Tamilnadu

**Professional Experience 1:**

**Team lead (Associate Project), Maxwell Geosystem** (A division of Maxwell Geosystem Pte Ltd, Singapore) – From November 2015 to present

**Project Details & Responsibilities:**

Leading a team for the deployment of online web Instrument monitoring systems project in all over the country mainly on UK, US, Australia, Singapore Hong Kong. I will be the efficient person to understand the client requirement and leading the team for the support and the development of the Business. We have many channel partners of Instrument manufacture.

The major are

1) ITM –SOIL – UK  
2) GEO Observation –US  
3) Spectro technology –US.  
  
We will do the deployment, based on the information from the client and the Designer and will do create the online web based system and support for the daily monitoring data. The Major project we support and Deployed are  
1) Kallang Valley MRT- Kulalampur, Malaysia   
2) Claridges Hotel London – UK  
3) SUSU DAM – Malaysia  
4) SWRL – Australia

**In Business development**

* Maintain strong relationships with key contacts in existing accounts and develop new accounts
* Liaise between the technical team and clients, as well as senior management
* Testing and development for the new feature in the Online Instrument Data system.
* Review and approve project reports
* Conduct client presentations and Training

**Professional Experience 2:**

**Instrumentation Engineer (SPPA Power grid-Cable Tunnel Project), Maxwell Geosystem** **Pte ltd, Singapore** – From Oct 2013 to Oct 2015

**Construction Contractor:** Hyundai Construction,  
 SK Engineering and construction,  
 Samsung Construction.

**QP(S):** Mott MacDonald

**QP (D):** Parsons Brinckerhoff, Geo Consultant, Worley parson

**Project Details & Responsibilities:**

Lead a team with producing a web based report on the same day showing the monitoring instrument results from the all our contractors instruments and updated the breaches status to all our authorities

Coordination with Web technical team Hong Kong, for instrument output analysis and Research.

Attended instrumentation meeting with clients and consultants.

Report preparation

**Professional Experience 3:**

**Project Engineer (Geotechnical & Structural Instrumentation), Geosmart International Pte ltd, Singapore** – From July 2011 to Sep 2013

**Chennai Metro Rail Limited** (Underground station and associated tunnels- 5.5 km)

Washermenpet to Chennai central (Multi stacked)

**Project Client:**

**Transtonnelstroys-Afcons (TTA-JV)**

**General Consultants:**

EMBYE Consortium Pvt Ltd.

**Designers:**

Parsons Brinckerhoff, Singapore

**Responsibilities:**

* Responsible for analyzing various areas and factors related to geotechnical Engineering
* Find, investigate and examine the location and verify if the site is appropriate for instruments installations.
* After the investigation is done, providing modifications on the site place before the construction starts
* Review and approve project reports
* Developing detailed design layouts as per the client requirements
* Analyzing challenges and prospective risks in the project
* Responsible for Risk Management
* Responsible for supervising the installation of instruments related to:
* **Geotechnical investigations:**
* D wall inclinometer (to measure the lateral movement of Diaphragm wall),
* Magnetic Extensometers (to measure the subsoil settlement),
* Piezometers (To measure the water table inside and outside excavation zone, to assist dewatering scheme and to predict the abnormalities like sink holes etc..)
* **Structural analysis:**
* Settlement markers (To measure the settlement of structures)
* Utility markers (To measure the settlement of utilities)
* Tilt plates (To measure the tilt of structures)
* Bi-reflex target (To measure the 3D (Transverse, vertical, longitudinal) movement of structure).
* Tape Extensometer (To measure the convergence of structure & tunnels)
* **Strut Monitoring :**Strain gauges and Load cell (To measure strut load)
* Review the project requirements and ensure that quality should be best, errors and rework must avoid.
* Work with management, engineers and field operations staff.
* Prepare the daily and monthly reports
* Maintain client relationships and developing new business
* Recorded vibrations attained in structures due to constructional activities like breaking of Diaphragm wall, Guide wall breaking etc.
* Preparing proposals
* Suggesting the ground improvement measures such as jet grouting, DCPT, etc. by analyzing the output of instruments
* Also participated in EBS(Existing building survey)
* **Ensuring that the said rules, regulations and guidelines are strictly followed**
* **Taking care of safety measures**

**Achievements:**

* Completed project much before the deadlines
* Instrumental in bringing down the project costs

**Technical Skills:**

* Microsoft office.
* Basic Engineering
* Trouble shooting of Instruments

**Personal Details:**

* **Date of Birth** **:** 25.02.1990.
* **Nationality :**Indian
* **Linguistic abilities :**English, Tamil,
* **Passport number :J1508195**

**Declaration:**

**I assure that the information and facts stated above are true to the best of my knowledge and belief.**

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| **(GOKULAN.A)** |