

KALANA SALWATHURA



BSc.Eng (Hons), AM(IESL), AE(ECSL)

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Date of Birth : 1992.08.18
Gender : Male
Current Occupation : Civil Engineer

CAREER SUMMARY

I have around 06 years of professional experience after graduation in various disciplines of civil engineering infrastructure construction works. My experience includes:

- **CIVIL & STRUCTURAL ENGINEERING CONSULTANTS (PVT) LTD (10.2023 - Present)**
 - Design and construction of buildings and infrastructure facilities.
 - Civil engineering consultation.
 - Planning and Construction Management.
- **MAGA ENGINEERING (PVT) LTD (06.2018 - 11.2022)**
 - Design and construction of buildings and infrastructure facilities.
 - Design and construction of DI & HDPE pipelines for water supplying & water retaining structures.
 - Planning and Construction Management.
- **INTERNATIONAL CONSTRUCTION CONSORTIUM (PVT) LTD (06.2017-10.2017)**
 - Construction Phase of high rise buildings.
 - Design and assembling of System Formwork Arrangements.
- **SIERRA WATER WORKS (PVT) LTD (09.2016-01.2017)**
 - Construction of HDPE pipelines for water supplying.
 - Site Management.
 - Resources handling.

EDUCATIONAL QUALIFICATIONS

2016 May Bachelor of Science (*Hons.*) in Civil & Infrastructure Engineering (*BSc.Eng*)
Asian Institute of Technology, Thailand.

PROFESSIONAL TRAINING

2018 Jul Construction Safety & Health Seminar (*01 day*) - KRB-Project, Biyagama Section under MAGA Engineering (Pvt) Ltd
2019 Jun Engineers Training Program (*08 days*) - MAGA Engineering (Pvt) Ltd, Head Office
2022 Dec Project Planning and Management using MS Project - DSL Institute, Sri Lanka (*08 days*)
2023 Mar Autocad 2D + 3D Course (*64-hours*) - CADD Center, Sri Lanka
2023 Mar Project Management- Oracle Primavera P6 (*40-hours*) - CADD Center, Sri Lanka

PROFESSIONAL AFFILIATIONS

- 2018 Sep Associate Member of the Institution of Civil Engineers, Sri Lanka.
(AMIESL, Membership No. AM-22761)
- 2020 Aug Associate Engineer of the Engineers Council, Sri Lanka.
(AEECSL, Reg No. 209400)
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SKILLS SYNOPSIS

Organizational and management:

- Engineering Studies and Consultancy Services.
- Project Management.
- Construction Management.
- Planning engineering infrastructure facilities.
- Financial management, costing & budgeting.

Technical:

- Collating, analyzing and management of engineering data.
- Quality Controlling, planning, designing & documentation of infrastructure facilities.
- Development of policies and guidelines to better manage engineering assets.
- Estimation and economic analysis of civil and infrastructure engineering projects.
- Asset maintenance and management (*buildings & infrastructure facilities*).
- Technical report writing.

Computing:

- ETABS
 - MS Office
 - Autocad 2D & 3D
 - MS Project
 - Primavera P6
 - Bluebeam
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PROFESSIONAL EMPLOYMENT HISTORY

October 2023 – Present

Civil Engineer, Civil & Structural Engineering Consultants (Pvt) Ltd

Civil & Structural Engineering Consultants (Pvt) Ltd (<https://www.csec.lk/>), located in Colombo, Sri Lanka, is one of the top leading engineering design & consultancy firm with experience in designing and consulting major high rise buildings & infrastructure projects within the country and overseas.

Contributed Projects:

- Design and Construction of Proposed Condominium Development for South Beach Weligama Properties (Pvt) Ltd.

Key Responsibilities:

- Monitoring and executing the works according to the Master program.
 - Liaising with clients, developers, architects, planners and community groups on planning & implementation of new and improved engineering infrastructure facilities.
 - Quality controlling, project management, financial management, construction management and contract administration.
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Achievements:

- Improved the knowledge on designing of buildings and infrastructure.
- Improved skills on design report preparation and working with multi-disciplinary teams to effectively meet project deadlines.
- Acquired knowledge on excellent technical reports preparation.
- Maintained a high level of safety standards, with zero incidents and accidents throughout the projects.
- Ability to develop and produce conceptual and preliminary shop drawings and improved the knowledge on drafting.

June 2018 – November 2022

Civil Engineer, MAGA Engineering (Pvt) Ltd

MAGA Engineering (Pvt) Ltd (<https://www.maga.lk/>), located in Colombo, Sri Lanka, is one of the top leading construction & engineering firm with experience in constructing building and infrastructure projects with the highest quality and on time delivery.

Contributed Projects:

- Design and Construction of Buildings and infrastructure facilities for Faculty of Technology, Rajarata University of Sri Lanka.
- Building Design and Construction for the proposed tech city park at Galle, under Ministry of Technology.
- Design, construction, and financing of Phase 01 of the Orugodawatta housing complex.
- Kelani Right Bank (KRB) Water Supply Project Stage-II under National Water Supply and Drainage Board (NWSDB).

Key Responsibilities:

- Monitoring and executing the works according to the Master program.
- Addressing and resolving the technical issues to reduce any delay and save additional costs.
- Preparation of reinforcement schedules and supervising the bar bending and fixing work.
- Liaising with clients, developers, architects, planners and community groups on planning & implementation of new and improved engineering infrastructure facilities.
- Quality controlling, project management, financial management, construction management and contract administration.

Achievements:

- Improved the knowledge on designing of buildings and infrastructure.
- Improved skills on design report preparation and working with multi-disciplinary teams to effectively meet project deadlines.
- Acquired knowledge on excellent technical reports preparation.
- Maintained a high level of safety standards, with zero incidents and accidents throughout the projects.
- Ability to develop and produce conceptual and preliminary shop drawings and improved the knowledge on drafting.

June 2017 – October 2017

Civil Engineer, International Construction Consortium (Pvt) Ltd - (I.C.C)

International Construction Consortium (Pvt) Limited (<https://icc-construct.com/>), is one of the largest and most respected Civil Engineering Organizations in Sri Lanka, with the promise of distinct service, experienced staff, a fleet of plant and equipment, the highest quality materials and a reputation for successfully integrating these aspects, to ensure the timely completion of projects.

Contributed Projects:

- Construction of Shell & Core for Residential Tower for ITC One ,Colombo One.

Key Responsibilities:

- Providing technical and practical solutions to client/consultant in terms of construction sequences and time/cost saving without compromising the quality of work.
- Supervision of form-work erection and structural concreting work at the site.
- Preparation of preliminary layouts and coordination with architect & MEP engineers to meet their requirements.
- Addressing the deviations with discussion of project management timely.

Achievements:

- Participating in the accomplishment of the largest single continuous concrete pour in Sri Lanka (6500m³).
- Improving the knowledge on system form work arrangements used in high-rise buildings
- Maintained a high level of safety standards at all times including leading by example to encourage safe work practices.
- Proposed & implemented project management tools (Primavera P6) to track the progress and resource usage of projects.

September 2016 - January 2017 **Civil Engineer, Sierra Water Works (Pvt) Ltd**

Sierra Group (<https://sierra.lk/>) is a diversified conglomerate with a strong presence in multiple sectors, including construction, agriculture, ICT, education, manpower, and trading. Sierra Water Works (Pvt) Ltd is the subsidiary of Sierra Group that takes over water supply projects.

Contributed Projects:

- Towns East of Colombo Water Supply Project- Package 3, under National Water Supply and Drainage Board (NWSDB).

Key Responsibilities:

- Monitoring the initial surveying and setting out works of new constructions.
- Attending meetings with specialized sub-contractors, clients and consultants on technical and quality issues in the project.
- Attending site inspection and coordinate the practical issues that site staff had with designed drawings and give solutions regarding them.
- Supervision of pipe laying work and valve chamber construction work in water supply project sites.
- Monitor and control factors such as air quality, noise pollution and temperature cycles during the construction.

Achievements:

- Improved the knowledge on HDPE pipe laying according to the standards.
- Understanding the specific tests carried out for the piping systems.
- Executing strong management practices to accomplish the targets cost effectively.
- Saved \$0.4M to the company from a no claim bonus from the insurance company (Zero accidents throughout the construction by delivering safety inductions & high-tech PPE).

INDUSTRIAL TRAINING EXPERIENCE

May 2015 - August 2015

Trainee Civil Engineer, Southern Provincial Road Development Authority.

- Worked as a trainee Engineer in road construction project named as "Dayata Kirula" road development project, which was carried out to develop the roads in the rural areas of Sri Lanka.

May 2014 -August 2014

Trainee Civil Engineer, Civil and Structural Engineering Consultants (CSEC)

- Worked as a trainee Engineer in the construction of "Lotus Tower" and "Waterfront Integrated Resort" which were the massive construction projects in Sri Lanka.
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NON-RELATED REFERENCES

- **CEng. Prabhath Dammika**
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MAGA Engineering (Pvt) Ltd.
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- **CEng. Thilina Kulathilake**
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