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| **Guruhitha**  ***Landscape Engineer / Agriculture Engineering Professional***  ***Valid UAE Driving License***  **E-mail:** [guruhitha.306427@2freemail.com](mailto:guruhitha.306427@2freemail.com) | Untitled |

**Profile Synopsis **

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Strategic, Result-driven and Gulf experience management professional equipped with 30+ years of diverse experience orchestrating successful business turnaround and growth ventures within a diversified industry across UAE and Sri Lanka. Manifest broad knowledge of engineering technology to design agricultural structures, machinery, equipment, and processes as well as crop storage, animal shelter & loading, animal, and crop processing. Successfully managed all activities such as breeding, feeding, conducting pasture and health care for cow, sheep, horses, deer, and goats of organic livestock farm; Possess vast knowledge in construction, architecture, horticulture, specialized tools, and technology. Knowledgeable of lakes water management systems, irrigation system projects and their installations, T&C and their operations plus adroit with design & comprehensive project report management; Pro-active personality with a concern for the environment and an understanding of conservation issues; Possess excellent planning, analytical, problem-solving, decision making, coordination, monitoring, time management, communication & interpersonal skills. Aspiring to contribute & work actively within any related industry where knowledge, expertise & management skills will have a valuable impact.

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| **Strengths & Skills** | |
| * Gained 30+ years experience within diversified industry * Prowess in Dairy, Poultry farming and machine milking * Proven successes of 99% Artificial Insemination * Vast background in Landscaping practices & procedures * Adroit with Design & Comprehensive Project Report * Vast knowledge across UAE Agricultural Environment | * Expertise in Agriculture and Landscaping Engineer * Adept with Seaweeds, Mangrove tress & Coral Reef * Dexterity in Organic Farming & SRI paddy cultivation * Perceptive in construction/architecture/horticulture etc. * Knowledgeable of Lakes Water Management systems * Result-driven, Divergent and Out of the Box Thinking |

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| **Education / Qualification** |

**The National Diploma in Technology (Agriculture) –** *Hardy Senior Technical Institute, Sri Lanka*

**Certificate of Artificial Insemination –** *Ministry of Animal Health and Production, Sri Lanka*

**Certificate of Post-Harvest Technology –** *Post Harvesting Research Institute, Anuradhapura, Sri Lanka*

**Community Participatory Approach (CPA) Training –** *Red R, UK*

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| **Career Progression** |

**Agriculture Supervisor** – *Al Arsh Facilities Management LLC, UAE* **Dec 2016 – Present**

**Agriculture Engineer** – *Al Wadi Flower Landscaping, LLC, UAE* **Apr 2016 – Dec 2016**

**Agriculture Engineer** – *Greenleaf Landscaping LLC, UAE* **Oct 2013 – Oct 2015**

**Landscaping Manager** – *Divyya Resort, Sri Lanka* **Apr 2010 – May 2013**

**Project Officer** – *Grassroot Foundation, Sri Lanka* **Nov 2007 – Apr 2010**

**Beneficiary Relation Livelihood Officer** – *Netherland Red Cross Society, Sri Lanka* **Sep 2015 – Oct 2007**

**Farm Manager** – *Dairy Development Program, Sri Lanka* **Feb 1997 – Apr 2002**

**Officer In-change** – *Dairy Development Program, Sri Lanka* **Mar 1994 – Jan 1997**

**Extension Officer** – *Dairy Development Program, Sri Lanka* **Jun 1986 – Feb 1994**

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| **Key Achievements** |

* Gained 25+ years experience in a diversified industry in UAE and Sri Lanka encompassing Landscaping Manager, Farm Manager, Agriculture Supervisor, Agriculture Engineer, Project Officer, Officer In-charge and Client Relations.
* Played a significant role in managing and maintaining Bermuda Grass Turf at Al Nasr 2 Stable of H.H. Sheikh Hamdan Zabeel Equestrian Office. Conducted two plant nurseries (Green Leaf Nurseries) in Dibba – Al Fujairah.
* Liaised with Ministry of Environment and Water for permits issuance and other activities for plant importing.
* Formulated design, costing, and implement landscape activities. Conducted research, planning, special studies, environmental design, and field investigations on demand.
* Propitiously motivated 100 farmers as trainers to sustainable agriculture practices to mitigate and adapt to climate change in Anuradhapura and Vavuniya districts.
* Successfully managed all activities such as breeding, feeding, conducting pasture and health care for cow, sheep, horses, deer, and goats of organic livestock farm 1 Al Awir.
* Implemented the Microfinance System through the Internet & E-Shop to help vulnerable farmers in Hambantota district.
* Coordinate with the Government, NGOs & relevant parties to make policies, procedures objectives, and hypothesis etc.
* Oversee effect linkage between farmers in rural areas of Puttalam district in Sri Lanka and consumers to eliminate middlemen and thereby ensure maximum benefits for farmers considering market demands, consumer needs, and value-adding and value chains.
* Devised and implemented dairy farming policies, procedures, and objectives of the Binthenna Milk Producer for Co-operative Union in the Mahaweli system C area which is a re-settlement colony and comprises 20,000 families, analyze and provided a solution to solve problems faced by farmers.
* Personally committed to continued excellence, has the drive, energy, leadership and implementation skills.

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| **Areas of Expertise** |

**Agricultural Engineer**

* Apply knowledge of engineering technology to design agricultural structures, machinery, equipment, and processes.
* Design structures for crop storage, animal shelter & loading, animal, crop processing, and supervise their construction.
* Manage several kinds of issues which are raised during work in forms like variation of temperature, light and dampness.
* Develop new powered equipment for crop-damaging insects, which can diminish various insects in some moments.
* Design and testing new equipments which are capable to measure, sense and record of various problems handled by farmer at harvesting of farms.
* Instruct construction team of equipments like harvesting machine, irrigation, land tillage, fertilization to present new model of machine which can provide maximum production.
* Responsible for planning and managing the electricity distribution systems, soil and water control system, several measurement systems. Estimate cost, reliability, and safety. Test products thoroughly for safety issues and defects.
* Design farmhouses, barns, and other shelters. Plan sanitation, ventilation, and heating systems.
* Create power machines used for tilling, fertilization, and harvesting. Develop pesticide control products and machinery.
* Conduct several educational audio & video programs by which they can take help and harvest their farms with efficiency.
* Assess the environmental impact of agricultural production methods. Supervise construction projects, like land drainage, reclamation and irrigation.
* Solve engineering problems, like designing all-terrain vehicles to move over uneven ground in different weather conditions. Design and supervise environmental and land reclamation projects in agriculture and related industries.
* Administer testing and installing new equipment, like harvesters, crop sprayers and logging machinery.
* Use GPS, weather data and computer modeling to advise farmers and businesses on land use. Plan service and repair programmes for machinery.
* Provide advice on water quality and issues related to managing pollution, controlling rivers, and protecting and using other water resources.

**Landscape Engineer**

* Develop the landscapes and plan, design and manage open spaces including both natural and built environments.
* Provide innovative and aesthetically-pleasing environments for people to enjoy while ensuring that changes to the natural environment are appropriate, sensitive and sustainable.
* Collaborate closely with other professionals; they work on a diverse range of projects in both urban and rural settings from parks, gardens and housing estates to city-center design, sporting sites, and motorway construction.
* Oversee the design of a variety of projects, including urban regeneration schemes, pedestrian schemes, road or retail schemes and maintain the character of sites of natural beauty.
* Establish general landscape requirements with clients, conduct preliminary studies of the site (including contours, soil, ecology, buildings, roads, and heritage).
* Assess a site's potential to meet the client's specifications, carry out environmental impact assessments.
* Seek and take into account the views of local residents, potential users, and parties with a vested interest in the project.
* Prepare accurately and present detailed plans and working drawings of the re-design of the new site, including applications, construction details, and specifications for the project using computer-aided design (CAD) packages or similar design software.
* Present proposals to clients, deal with inquiries and negotiate any amendments to the final design. Match the client's wishes with your knowledge of what will work best.
* Contact and coordinate manufacturers and suppliers, put work out to tender, select a contractor and manager (mainly for larger projects), and lead cross-functional teams.
* Carry out site visits, ensure deadlines are met and liaise with other professionals on the project.
* Monitor and check work on-site (on large projects, landscape managers may do this type of supervisory work).
* Attend public inquiries to give evidence if necessary. Generate new business opportunities.

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| **Proven Job Role** |

**Agriculture Supervisor** – *Al Arsh Facilities Management LLC, UAE*

* Designed and implement irrigation systems and maintenance for villas.

Responsible for planning, costing and implement landscape design and maintenance for villas.

* Coordinated with Ministry of Environment and water for permits issuance and other activities for plant importing.
* Conducted planning special studies field investigation regarding the environment and agriculture sector on demand.
* Managed all activities such as breeding feeding conducting pasture and health care for cow, sheep, horses, deer, and goats of organic livestock farm 1 Al Awir.

**Agriculture Engineer** – *Al Wadi Flower Landscaping, LLC, UAE*

* Administered costing and implement landscape design and maintenance for private villas. Tested agricultural machinery and equipment to ensure adequate performance.
* Developed ways to conserve soil and water. Improve the processing and storage of agricultural products.
* Performed extensive research and development and supervise the production of machinery. Specify functional requirements during the development phase. Estimate cost, reliability, and safety. Test products thoroughly for safety issues and defects.
* Conducted educational programs that provide farmers or farm cooperative members with information that can help them improve agricultural productivity.

**Agriculture Engineer** – *Greenleaf Landscaping LLC, UAE*

* Effectively managed and maintain Bermuda Grass Turf at Al Nasr 2 Stable of H.H. Sheikh Hamdan Zabeel Equestrian Office. Conducted two plant nurseries (Green Leaf Nurseries) in Dibba – Al Fujairah.
* Coordinated with Ministry of Environment and water to get permits and other activities for plant importing.
* Provided recommendation for irrigation systems, fertilizer, insecticides and other chemicals for plants.
* Identified and select varieties of plants bushes and trees for Landscaping.
* Conducted planning, special studies, environmental design, and field investigations on demand.

**Landscaping Manager** – *Divyya Resort, Sri Lanka*

* Planned and design areas to develop landscape for parks, paths and surrounding buildings. Developed site plans, cost estimates, and specifications for landscape design.
* Researched suitable plans for plants & materials for the design utilizing current land features and irrigation systems.
* Recommended maintenance plan and ensure adherence to the design specifications, material quality, and work.
* Devised working drawings, specifications, preliminary design and cost estimates related to the development of recreation areas. Conduct planning, special studies, environmental design, and field investigations on demand.
* Revised development plans, environmental impact statements, application documents, and reclamation plans.
* Inspected projects progress to identify compliance with regulation and specification.
* Suggested contractors for plans interpretations and recommend changes as necessary.

**Project Officer** – *Grassroot Foundation, Sri Lanka*

* Identified & select real victims who were affected by the Tsunami disaster and prioritize recommendations for donor aid.
* Coordinate with the Government, NGOs & relevant parties to make policies, procedures objectives, and hypothesis etc.
* Administered effect linkage between farmers in rural areas of Puttalam district in Sri Lanka and consumers to eliminate middlemen and thereby ensure maximum benefits for farmers considering market demands, consumer needs, and value-adding and value chains. Monitored, evaluate, analyze the reporting periods.
* Introduced new technologies (shade houses) for agriculture to improve productivity (As a Research).
* Implemented the Microfinance System through the Internet & E-Shop to help vulnerable farmers in Hambantota district.
* Recommended Organic farming in Kalpitiya to avoid blue births & infertility among youth as a new concept.
* Encouraged the Veddha community (Indigenous people of Sri Lanka) to prevent the destruction of the brood nests of bees to ensure the environmental conservation and also ensure Veddha’s livelihood.

**Beneficiary Relation Livelihood Officer** – *Netherland Red Cross Society, Sri Lanka*

* Identified & select real victims who were affected by the Tsunami disaster and prioritize recommendations for donor aid.
* Coordinated with the Government, NGOs & relevant parties to make policies, procedures objectives, and hypothesis etc.
* Monitored, evaluate, analyze and provide the reporting periods.

***Responsibility towards stakeholders:***

* Ensured fair and equitable treatment to all victims in selected areas. Make beneficiaries aware of policies, procedures, and objectives. Monitored and evaluate all the programs.
* Assessed, select, analyze, identify, coordinate, prioritize, intervene, monitor and evaluate the beneficiaries for Livelihood Projects.

**Farm Manager** – *Kantale Livestock Farm*, *Dairy & Livestock Development Program, Mahawelli Authority of Sri Lanka*

* Responsible for long-term planning and forecasting to achieve the target. Administered periodic reporting to stakeholders on the organization’s financial position. Ensured cost-effective quality output to enhance broader profit margins.
* Ensure that company’s employees are updated on policies procedures and objectives.
* Helped make the work environment a mental and physical comfort zone to facilitate better productivity and a harmonious personnel atmosphere. Safeguard economic security, physical well-being, and job satisfaction.

***O.I.C. Extension cum General Manager Milk Producers Cooperative Union –*** *Dairy & Livestock Development Program, Mahawelli Authority of Sri Lanka*

* Ensured that dairy farmers are abreast of dairy farming policies, procedures and objectives of the Binthenna Milk Producer Co-operative Union in the Mahaweli system C area which is a re-settlement colony comprise 20,000 families, analyze issues to solve problems faced by farmers.
* Introduced new policies to ensure the smooth flow of operations and review the farmer Union’s constitution periodically for appropriate amendments. Eradicate as the ultimate goal via sustainable dairy development projects.
* Formulated strategies to enhance their incomes and improve their lifestyles while simultaneously ensuring the protection of the environment.

**Extension Officer** – *Dairy & Livestock Development Program, Mahawelli Authority of Sri Lank*

* Collected data and identify farmers who are eligible for Livestock farming benefits in Mahawelli system C and H.
* Organized awareness programs to enable farmers to enhance their avenues of income through Livestock farming and putting to maximum benefit any scarce resources.
* Organized breeding programs and provide Artificial Insemination services. Created Milk Collection Centers.
* Introduced Broilers Buy Back System in system H. Conducted Sathwa Govipalin (Dairy Farm) a weekly community radio program.

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| **Professional/Personal Attributes** |

* Strategic planning and control with proven inspirational leadership skills.
* Adept of process re-engineering for organizational effectiveness and the ability to manage and introduce change.
* Proven successes of 99% Artificial Insemination and expertise in Organic Farming and SRI paddy cultivation.
* Successfully manage heat detection of cycle cows, pregnancy diagnosis on early pregnant cows and the use of natural beeswax as a food security additive in curd production.
* Direct assistance manually to enable normal calf deliveries in an incident of inabilities/ impediment to unaided deliveries.
* Spearheaded opens up low-cost poultry sheds for mini scale farmers especially in the dry zone in Sri Lanka.
* Knowledgeable on Seaweeds, Mangrove trees cultivation and transplanting coral reef.
* Innovative thinking with the know-how of using white Polythene in place of cost-intensive incubators in domestically (Yoghurt production).
* An excellent team player capable of promoting teamwork and ensuring high morale for employees to achieve organizational objectives with higher productivity.

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**Affiliation:**

* Represented school Table Tennis Team – Nalanda College, Colombo
* Vice-president of Saukyadana Society (First Aid & Health Care society)

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| **I.T Proficiency** |

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* Proficient in MS Office application (Word, Excel, PowerPoint, Email application & Internet).
* Knowledgeable with Farm ERP Packages.

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| **Personal Details** |

Nationality : Sri Lanka

Date of Birth : 16th Oct 1965

Marital Status : Married

Visa Status : Employment Visa

Languages : English, Urdu & Hindi

Driving License : UAE Driving License

Reference : Available upon request