

## Resume

Srinivasan Ramanathan

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### Summary:

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8 years of experience in Project management, Project Execution, Proposals & Purchase, Sales and After-sales service businesses.

Strong interpersonal skills and emphasis on quality and dedication, pride towards my work are few things that defines me.

### Work Experience:

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**1. Project Engineer** (12/2019 To till date)  
**Green Water Treatment Solutions L.L.C, Abu Dhabi, UAE**

#### Roles & Responsibilities:

- Managing concurrent Water Treatment Plant (WTP) projects involving MBR, MBBR, SBR, Grey Water Treatment, RO, UF, EDI and lifting stations from conceptual to detailed engineering phase.
- Performing design, sizing, GA dwg, PFD, P&ID of WTP equipment, components and bulk materials. Preparing and submitting BOQ based on plant design and process.
- Working on Cost estimation, Budgetary Control, Technical Offer, Proposal Submission & Engineering Document Submittal, Manage customer RFQ material and liaise with customer for tender clarifications.
- Confer with clients, vendors and management personnel regarding purchases, product and technical specifications, Cost benefits & negotiation.
- Responsible for planning, delivering engineering projects as per contractual obligation on time and within budget. Performed as Project Co-ordinator, managing customer relationship and assist sales.

#### Projects Handled:

1. Polytronics Training Center, Dubai – Containerized Grey Water Recycling Plant (50L/Min – Qty: 18 Nos), Value: 3,240,000 AED
2. Orbital International, Abu Dhabi – Brackish RO Plant (Capacity – 480 CMD) Value: 3,75,000 AED
3. MIT International Trading Company L.L.C – Grey Water Recycling Plant (UF Based – 40 CMD, Value: 1,60,000 AED)
4. Begium Mechanical Works, Abu Dhabi – Bore Well RO Plant

- (Capacity: 40CMD) Value: 82,000 AED
5. Orbital, Oman – STP (MBBR Based Technology)  
(Capacity: 100 CMD), Value: 2,20,000 AED
  6. AL-Maskan – MMF (Capacity: 50m<sup>3</sup>/hr) Value: 80,000 AED
  7. Tecnicas Reunidas, Habshan Camp – Revamping of STP (MBR Based Technology) 250CMD
  8. Galfar Engineering & Construction – Revamping of STP (MBBR Based Technology) 200CMD

**2. Project Engineer****(04/2019 To 11/2019)****Paques Environmental Technology India Pvt Ltd, Chennai, India****Roles & Responsibilities:**

- Execution of own integrated Paques Water Treatment Anaerobic Reactors & Water Treatment Plants such as RO, UF, ETP, STP.
- Supervision of Fabrication, assembly of RO, UF, Clarifier, Plate Settler Mechanism, Diffuser, Pressure Sand Filters, Blowers, Pumps, Agitator, Centrifuge, Anaerobic Reactors with bulk materials. Testing of Electrical Control Panel, Drives, Cable Tray Routing.
- Preparing rough sketch of piping layout based on site conditions and expediting site activities.
- Co-ordinating with civil contractors for fixing of Puddle Pipe, Insert plate, and ensure the civil works activates as per the plant layout co-ordinates.
- Handover the plant with all Mechanical & Electrical clearance and submitting the As Built drawing with further changes and verification.

**Projects Handled:**

1. KPR Sugar Mill Ltd, Bijapur, Karnataka – 90 KLD Process Condensate ETP
2. Om Sree Papertek, Hyderabad, Telangana – 600 m<sup>3</sup> ICX Anaerobic Reactor
3. KM Sugar Ltd, Faizabad, UP – 300m<sup>3</sup>, IC Anaerobic Reactor

**3. Senior Engineer – Projects****08/2017 – 04/2019****Dew Speciality Chemicals (P) Ltd, Noida, India****Roles & Responsibilities:**

- Responsible for planning and execution of Water & Wastewater treatment plants. Liaising and providing technical support with other engineers, surveyors, clients and sub-contractors.
- Monitored and controlled site, equipment construction activities, and making sure that budget, timescale, materials, labour, project specifications are met as per P&ID, drawings and contract.
- Responsible for detailed design of ETP, STP, RO, MVR Evaporator WW treatment systems such as SLD, P&ID, Pipeline design from Pre- to Final treatment. Responsible for Procurement and Purchase management of all equipment and bulk materials.
- Performed as document controller for SOP, O&M manuals, MSDS, Safety & PPE & Electromechanical checklist, Daily & Monthly progress report, Testing and operational reports.

**Projects Handled:**

1. Ministry of Works & Human Settlement, Royal Govt of Bhutan – WTP 2.5 MLD (100 million INR)
2. Shree Rayalseema Hi-Strength Hypo Ltd, Kurnool, AP, - 50m3/D x 3, SSF for Cooling Tower
3. Essar Oil and Gas, West Bengal – 4 MLD Multistage RO, 40 million INR
4. ESSAR Oil and Gas, West Bengal, 700 m3/d RO, 500 m3/d SWRO and 300m3/d LPRO
5. Mankind Research Centre, Manesar - 15 KLD, (RO, ETP &UF)
6. Shree Jee Laboratories, (Mankind), Sotanala, Rajasthan – 80KLD (ETP with ZLD)  
KAPL, Karnataka – 1 MLD (RO Plant)

**4. Project Engineer****06/2015 – 06/2017**

Chennai Metro Water Supply and Sewage Board (CMWSSB), Chennai, India

**Key Roles & Responsibilities:**

- Worked with existing sewage treatment plant (Capacity – 23, 40 and 54 MLD) with modern and advanced technology. Market study on electro-mechanical equipment and performed techno-commercial comparison between various manufacturing companies.
- Estimated project cost with quotations for electro-mechanical works such as Ring main units, Transformer, VCB, ACB, DG, Gas engine, Gearbox, Motors, Pumps, VFD Drives and electrical accessories.
- Maintained cost standards and contributed to cost reduction efforts. Reviewed existing treatment processes and recommending improved process methods. Technical liaison between various manufacturing companies for implementation of ongoing projects.

**5. Junior Electrical Engineer****01/2012 – 05/2015**

Bombay Rayon Fashions Ltd, Doddaballapur, Bangalore, India

**Key Roles & Responsibilities:**

- Operation and monitoring of Power plant, Boilers, DG, Air compressor, VFD Drives and auxiliary motors. Performed preventative maintenance and repairs of plant boilers, turbine-generator, conveyor system and other auxiliary motors.
- Analysed and Evaluated plant operation record/data and ensured continuous/efficient and reliable operation of the generating unit. Assisted in analysing causes of outages/failures of Electrical/Mechanical equipment and auxiliaries.
- Reviewed all engine data time/cycle service ability and Performed daily logs to ensure consistent operation of plant equipment and systems. Documented and analysed calculations from ammeters, voltmeters, frequency meters and temperature and pressure indicator devices.
- Coordinated with Plant supervisor and assisted in shutdown activities during emergency and maintenance.

**Education:**

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**B.Tech - Electrical and Electronics Engineering, 6.4 CGPA**  
SASTRA University (<http://www.sastra.edu/>), Thanjavur, India

**09/2007 – 05/2011**

**Thesis:** Remote power on/off control and energy database management for electrical outlets - Bharat Heavy Electricals Limited (BHEL), Trichy, Tamilnadu

**Certification:**

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**Certified Automation Engineer**

**07/2012**

TechnoCrat Automation

- PLC (SIEMENS,ABB,GE-FANUC,OMRON,KEYENCE)
- SCADA (Super visionary control and Data acquisition)
- VFD (Variable Frequency Drives)
- Pneumatic Instruments and Harmonics Filter

**Software and Design Skills**

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AutoCAD, PLC Automation (SCADA), E-Tap, ROSA, CATIA, IMS Design Hydranautics, Project Lite, SAP

**Personal data**

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Name: Srinivasan Ramanathan  
Born: 21/10/1989  
Marital Status: Single  
Languages known: English (Professional), Hindi (Speaking), Tamil (Native)  
Permanent Address: Flat No:25,4<sup>th</sup> Floor, Block-1, Jains Adwitiya, Jeevarathinam Street, KSR Nagar, Ambattur, Chennai – 600053, Tamilnadu, India

**References**

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1. Green Water Treatment Solutions L.L.C, Abu Dhabi, UAE, Mr.Suneeth Nair(Technical Director)  
Email: dt@greenwts.com, Mob: +971 50 879 0623
2. Paques Environmental Technology India Pvt Ltd, Mr.Sudeep Sangamesvaran(MD)  
Email: s.sudeep@paques.in
3. Dew Speciality Chemicals (P) Ltd, Mr. Shashikant Thakur (MD)  
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4. CMWSSB, Chennai, Mr.D.Manoharan (Assistant Engineer)  
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5. Bombay rayon fashion limited, Mr. Damodar Metri (DGM)  
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