Curriculum Vitae

For

***ROUPEN***

[B.E. (Aero), MIE Aust]

***Roupen.372812@2freemail.com*** ***`* NAME *Roupen***

GENDER Male

DATE OF BIRTH 20 January 1956.

NATIONALITY AUSTRALIAN.

MARITAL STATUS Married.

QUALIFICATIONS Bachelor of Aeronautical Engineering

 (University of Sydney – Australia, 1987).

SPOKEN LANGUAGES English, Arabic, Armenian (native).

PROFESSIONAL 1. The Institution of Engineers, Australia.

MEMBERSHIPS 2. Society of Engineers, UAE

**SKILLS & EXPERIENCE Summary**

## Senior Façade Structural Design Engineer & Façade Specialist in

## Australian and International Construction Industries

With Particular Expertise in:

1. **UCW & SCW Design and Analysis**
2. **Senior Façade Structural Engineer & Specialist**
3. **Façade Design Office Technical Manager**
4. **Computer Aided Design (CAD)**
5. **IT Desktop Technical Support**

**A quick description of me,**

* Qualified Aeronautical engineer.
* Very quick learner with technical proficiency.
* Team player with positive altitude.
* Determination to succeed.

**Experience and Skills,**

* Senior Façade Specialist.
* Design Structural Façade Engineer
* Project Manager.
* Technical Manager of the Design Office.
* Familiar with the Design of Unitised Curtain Walls, Stick Curtain Walls, Point Fixed Glazing (Spider Fixing) CW, Blast Proof (& Bullet Proof) CW, ACP cladded CW.
* Responsible for the running of the Design and Structural Offices.
	+ Preparation of Concept and Shop Drawings.
	+ Materials Take Off.
	+ Generate Fabrication Drawings and Cutting Lists to the Factory.
* Consult, design and verify the structural adequacy of all the Façade elements.
* Assist the PM in cost control and advice on the suitability of alternate materials.
* Prepare Thermal Analysis Reports for the Building Facade using THERM software or from Simulation Data provided by the System Suppliers.
* Familiar with American, British, and Australian Standards.
* Familiar with Finite Element Analysis package Strand 6 & 7; StaadPro.
* Proficient in AutoCAD drafting in 2D (& in 3D).
* Some familiarities also with advanced 3D packages, Pro/E, CATIA, SolidWorks, Rhino.
* Assist in the preparation and the implementation of a Design Office Manual.
* Very skilled in using Computers.
	+ MS Windows (DOS, Win, WinXP, Win7, Win8.x, Win10).
	+ MS Office Packages.
	+ Setup and Implement an Automated Production of Fabrication Drawings, for in house use.
* As a Façade Consultant assist Clients in,
	+ Prepare structural designs for proposals and projects.
	+ Assist in designing the external façade elements of projects.
	+ Prepare Project Specifications to suit the Client’s needs.
	+ Visit Aluminium Fabricators Offices and Factories to access their capabilities for prospective clients.
	+ Undertake research and development projects on existing and new products.
	+ Assist in the promotion of the concept of Glass and Aluminium Products and in the acceptance of new products.
* Attend and Witness PMU Testing as per American, European or Australian standards.
* Visit project sites and inspect installations and procedures to comply with design intent.
* Assistance IT Manager.

**PRESENT EMPLOYMENT** (16/08/2015 – Present)

**Company Alumena Industries, (Abu Dhabi, UAE).**

**(**Previously **Eurofab,** part of **Ghantoot Group)**

Nature of Business Curtain Wall Designer, Fabricator & Installer

Period of Employment 16/08/2015 to Present

Position Technical Manager.

Responsibilities Responsible for the Day to Day smooth running of the design and structural offices, with 15 senior and junior designers and engineers, in Abu Dhabi & Manila.

**PREVIOUS EMPLOYMENTS** (25/11/1987 – 16/08/2015)

**Company Tadamun Aluminium Industries, (Abu Dhabi, UAE).**

Nature of Business Curtain Wall Designer, Fabricator & Installer

Period of Employment 07/06/2014 to 14/08/2015 (1Y & 2M)

Position Technical Manager.

**Company JANGHO, (Abu Dhabi, UAE).**

Nature of Business Curtain Wall Designer, Fabricator & Installer

Period of Employment 19/03/2012 to 01/05/2014 (2Y & 11/2M)

Position Engineering Manager.

**Company CNYD (Yuanda), (Abu Dhabi, UAE).**

Nature of Business Curtain Wall Designer, Fabricator & Installer

Period of Employment 12/03/2011 to 31/01/2012 (101/2M)

Position Engineering Manager.

**Company Reem Emirates Aluminium, (Abu Dhabi, UAE).**

Nature of Business Curtain Wall Designer, Fabricator & Installer

Period of Employment 01/04/2009 to 13/11/2010 (1Y & 71/2M)

Position Engineering Manager.

**Company Aurecon, (Abu Dhabi, UAE). (Connell Wagner Pty Ltd).**

Nature of Business Façade Consultancy and Engineering

Period of Employment 06/08/2006 to 26/02/2009 (2Y & 61/2M)

Position Senior Façade Specialist.

**Company FolcraBeach, (Abu Dhabi, UAE).**

Nature of Business Curtain Wall Design, Manufacture and Installation Company

Period of Employment 01/02/2003 to 31/07/2006 (3Y & 6M)

Position Senior Structural Design Engineer & Project Manager.

**Company Hyecorp Pty. Ltd., (Sydney, Australia).**

Nature of Business Property Development Company

Period of Employment 12/04/2001 to 23/12/2002 (1Y & 81/2M)

Position IT Manager, Design Drafting and Project Coordinator.

**Company AstraZeneca Pharmaceutical, (Sydney, Australia).**

Nature of Business Pharmaceutical Company

Period of Employment 19/06/2000 to 09/04/2001 (91/2M)

Position Design and drafting of clean rooms.

 (Contract Drafting).

**Company Flour City – Arlo Corporation Inc, (Manila, Philippines).**

Nature of Business Design and Installation of Curtain Walls.

Period of Employment 12/07/1998 to 02/05/1999 (91/2M)

Position Design Structural Engineer and IT Manager.

**Company Permasteelisa Pty. Ltd. (Sydney, Australia).**

Nature of Business Design and Installation of Curtain Walls.

Period of Employment 01/07/1991 to 15/06/1998 (6Y & 111/2M)

Position Design Structural Engineer and Senior CAD Operator.

**Company Pilkington Construction Division, (Sydney, Australia)**

Nature of Business Design and Installation of Curtain Walls.

Period of Employment 25/11/1987 to 8/3/1991 (3Y & 3M)

Position Design Structural Engineer.

**Projects List,**

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| --- | --- | --- | --- | --- | --- |
| Saadiyat Island Resort Development | Abu Dhabi, UAE | Alumena (Eurofab) | 2017 | Engineering and installation | 6 Lvl x 4 Wings and Central Facilities with Amenities Resort (PFG + SCW) |
| Saadiyat Island Police Station | Abu Dhabi, UAE | Alumena (Eurofab) | 2016 | Engineering and installation | 5 Storey Complex Tower (SCW) |
| Saraya III | Abu Dhabi, UAE | Commodore Aluminium | 2015 | Engineering and installation | 32 Storey Residential Tower (SCW) |
| Saraya II | Abu Dhabi, UAE | Commodore Aluminium | 2015 | Engineering and installation | 30 Story Tower (SCW+UCW) |
| Abu Dhabi Airport (MT) | Abu Dhabi, UAE | JANGHO | 2013 | Engineering and installation | New Abu Dhabi Airport (PFG - UCW\_Bomb\_Blast) |
| Barwa Commercial District | Doha, Qatar | JANGHO | 2013 | Engineering and installation | Mixed Towers (9 Towers, UCW) |
| City of Lights | Abu Dhabi, UAE | JANGHO | 2013 | Engineering and installation | Mixed Towers on Reem Island (5 Towers, UCW) |
| Cleveland Clinic | Abu Dhabi, UAE | CNYD | 2011 | Engineering and installation | Hospital on Seway Island (Double Skin, UCW) |
| HYDRA Ave - Reem Island | Abu Dhabi, UAE | Reem Emirates Aluminium | 2010 | Engineering and installation | Six (6) Residential Towers at 100m heights |
| C1-C12 City of Lights - Reem Island | Abu Dhabi, UAE | Reem Emirates Aluminium | 2010 | Engineering and installation | Five (5) mixed use Towers at 150m heights |
| Barwa Commercial Avenue | Doha, Qatar | Reem Emirates Aluminium | 2010 | Engineering and installation | Three (3) 15m high commercial buildings - very long (~7km) |
| Corporate Towers - Reem Island | Abu Dhabi, UAE | Reem Emirates Aluminium | 2010 | Engineering and installation | Five (5) mixed use Towers at 150m height |
| Gate District - Reem Island | Abu Dhabi, UAE | Reem Emirates Aluminium | 2010 | Engineering and installation | Three (3) mixed use Towers at 300m height |
| Danet Tower | Abu Dhabi, UAE | Reem Emirates Aluminium | 2009 | Engineering and installation | 120m high Residential Tower |
| Reem Island Blocks A,B,C.D,E | Abu Dhabi, UAE | Reem Emirates Aluminium | 2009 | Engineering and installation | Twelve (12) Residential Towers at varying heights 100m ~ 200m |
| Etihad Towers | Abu Dhabi, UAE | Reem Emirates Aluminium | 2009 | Engineering and installation | Five (5) Mixed use Towers at 300m height |
| Corniche Hotel | Abu Dhabi, UAE | Connell Wagner (Aurecon) | 2008 | Design and Engineering | 200m high Hotel complex |
| Seba Tower | Abu Dhabi, UAE | Connell Wagner (Aurecon) | 2008 | Design and Engineering | 200m high mixed use tower |
| 8 Gate , Damascus | Damascus, Syria | Connell Wagner (Aurecon) | 2008 | Design and Engineering | Initial stage of (2 small towers) of a very large complex |
| Dubai Marina Mall Plot 3F | Dubai, UAE | Connell Wagner (Aurecon) | 2008 | Design and Engineering | Office Tower with Podium at 200m height |
| TDIC HQ | Abu Dhabi, UAE | Connell Wagner (Aurecon) | 2007 | Design and Engineering | Office Tower Complex at 50m |
| Royal Complex | Abu Dhabi, UAE | Connell Wagner (Aurecon) | 2007 | Design and Engineering | Twin Tower & Podium Complex at 200m height |
| Ajman Cornich Residence | Ajman, UAE | Connell Wagner (Aurecon) | 2006 | Design and Engineering | Six (6) Buildings (attached) varying in height from 150m ~ 200m |
| First Gulf Bank | Abu Dhabi, UAE | FolcraBeach | 2005 | Engineering and installation | Commercial Tower of 75 m |
| Six Buildings in Khalidiye | Abu Dhabi, UAE | FolcraBeach | 2004 | Engineering and installation | Six (6) Buildings varying in height from 100m ~ 150m |