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| ANDREAANDREA.371599@2freemail.com  Structural Engineer/Project ManagerCEng MICE |
| **AREAS OF EXPERTISE** | **PROFILE**An Italian Chartered engineer with more than 7 years of experience who has a clear understanding of the role and responsibilities associated with being a structural engineer. Andrea possesses a broad range of technical, personal effectiveness and leadership skills and uses rigorous logic and methods to come up with effective solutions to difficult problems.He is currently looking for a project manager position with an ambitious company where he can contribute accrued skills and knowledge to achieve organizational objectives. |
| *Structural Design**Project management**Public sector buildings**Healthcare* *Hospitality* *Marine construction**Ports**Airports**Private residential* **EDUCATION** | **WORK EXPERIENCE****Structural Engineer** | GHD November 2015 – up to date*Responsible for working closely with the end client and sub-consultants on various construction and structural engineering programs, creating detailed plans, monitoring/updating progress, coordinating with other disciplines, structural design.* **Intercontinental Hotel - Design & Built** Client: ALEC - Total project value more than $ 130 Millions* Preliminary structural design and coordination of the buildings west wing
* Providing specialist direction on unusual and difficult engineering issues.
* Structural design of a 34.5m span steel roofing structure over the ballroom.
* Retaining wall & raft foundation design
* Finite elements modelling of the structure

**Al Jalila Foundation HQ (Substations Relocation) - Design & Built** Client: Al Jalila Foundation - Total project value more than $ 0.5 Million* Feasibility study and structural assessment of the existing structure.
* Design Coordination with other disciplines
* Responsible for the completion of all deliverable documentation
* Managing authority approvals including local government and service providers

**Dubai Bones and Joint Hospital - CD**Client: Dubai Healthcare City - Total project value more than $ 50 Millions* Structural Concept Design
* Design Coordination with other disciplines
* Structural Design
* Finite elements modelling of the structure

**Qasr Al Hosn, Masterplan and Cultural Foundation Building – PD, DD**Client: CEBRA Architects - Total project value more than $ 90 Millions* Design Coordination with client, attending meetings
* Structural assessment of the existing CFB Building
* Structural design of a new underground parking and masterplan’s features
* Site Inspections

**Al Bateen Airport - Design & Built** Client: Taylor Woodroow & Fibrex JV - Total project value more than $ 5 Millions* Liaise between Client and Authorities, attending meetings
* Preparation of internal teams briefs and timeframes. Chairing briefing meetings
* Structural Design & Specifications
* RFIs Response

**Structural Engineer** | Meinhardt March 2014 – Oct 2015 *Responsible for working closely with the end client on structural assessment and design, coordinating with other disciplines, managing project budgets*, *team management, earned value analysis, contract administration superintendency tender preparations, structural design.***Nad Al Sheba Private Safari Design & Built** Client: KELE - Total project value more than $ 90 Millions* Leading the structural team
* Coordination with client, attending meetings, liaising with design team
* Preparation of internal and external teams briefs, budgets and timeframes. Chairing briefing meetings
* Creation of project programs, tracking progress and developing recovery strategies
* Responsible for the completion of all deliverable documentation
* Earned value analysis
* Site Inspections

**One & Only Bahrain** **PD DD** Client: DSA - Total project value more than $ 100 Millions* Resort SPA structural design
* Coordination with client, attending meetings, liaising with design team
* Creation of project programs and tracking progress
* Site Inspections
* **Business Bay Renaissance Hotel** –

Client RDK - Total project value $ 20 Millions* Liaising with the client and Authorities
* Changing in use feasibility study
* Modelling of the existing structure
* Responsible for the completion of all deliverable documentation
* Site Inspections

**Assistant Project Manager** | S.I.S.P.I September 2011 – Feb 2014*Working as client representative along the overall construction process from the Concept Design to the Authority final Acceptance Test. Responsible for the coordination of the design and the overall project budget estimate. Drafting Contracts, managing site activities, monitoring and supervising the progress of the works, certifying the contractor invoices amount, Developing HS&E plans and ensuing that all HS&E procedures are met and maintained preparing tender.***Achievement of a docking system for Ro-Ro Pax ship at the Sottoflutto – CD to Construction**Client: Salerno Port Authority - Total project value $ 7Millions**Extension of the Manfredi pier and consolidation of the 3 Gennaio headboard in Salerno’s Port – CD to Construction**Client: Salerno Port Authority - Total project value $ 15 Millions**Structural consolidation and functional adjusting of the “Ligea” quay wall in Salerno’s Port – Construction**Client: Salerno Port Authority - Total project value $ 7 Millions**Structural consolidation and functional adjustment of the Trapezio East quay wall and of the Manfredi headboard quay wall in Salerno’s Port – Construction**Client: Salerno Port Authority - appraisal of variation n.2 and collateral civil works -Total project value $ 25 Millions**Structural consolidation and functional adjustment of the Trapezio West quay wall in Salerno’s Port** – **CD to Construction**Client: Salerno Port Authority– Total Project Value $ 42 Millions**Structural Engineer** | Design Studio Ing. Raffaele Cardillo Jan – Nov 2010*Responsible for structural assessment and design, preparation of structural drawings and design reports.* * Structural design with SAP
* Designing drainage systems for private residential developments
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| **MSc** Degree in **Civil Engineering** University of Naples Federico II 2011BSc (Hons) Civil Engineering University of Naples Federico II 2011Defense thesis: *“Dynamic response of a Multi Legged Articulated Tower with and without the application of a Tuned Mass Damper; analytical and experimental study” – Discipline Dynamic of Structures.* **PROFESSIONAL** |
| *Member of the Institution of Civil Engineers**Member of the Dubai Society of Professional Engineers**Member of Italian Chartered Society of Professional Engineers***PERSONAL SKILLS** |
| *Self-motivated**Disciplined**Strong Negotiator**Professional and personable**Natural leader**Practical,* *Accurate**Able to make good**Judgments* *Results orientated***SOFTWARE USED** |
| *Robot, Etabs: Safe**Sap2000, Prokon,* *Revit, Naviswork, Autocad***RESEARCH INTERSHIP** |
| Indian Institute of Technology Madras, Chennai, 2011*Experimental study on the dynamic behavior with a scaled 1:100 model of a Multi Legged Articulated Tower subjected to regular waves, with the application of different Tuned Mass Dampers**Analytical modelling of the dynamic response of a Multi Legged Articulated Tower subjected to regular waves, with and without the application of different response control systems***REFEREES** |
| Available on request |