## CURRICULUM VITAE

**Dhandapani**

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#### CAREER OBJECTIVE:

To get my skills honed up to perfection and strive hard for the development of my employer and to extend help for my fellow beings.

**Current Position:**

* **Senior Design Engineer** –**DERBY DESIGNS LLB,**Sheikh Hamden Bin Mohammed Street (Hamden Street) - Abu Dhabi - UAE.

(Presently working in back office in Trivandrum, India)

**Experience History:**

* Workingas a senior design engineerin Derby Designs LLB,Trivandrumfrom July 2015 to till date.
* Workingas a senior design engineerin Cads India limited (UK Based company), Coimbatore, from June 2014 to june 2015.
* Worked as a structural design engineerin Mithran structures (P) limited, Coimbatore,from April 2007 to May 2014.

(Having more than 12+ years of experience in structural design)

* Worked as a structural design detailerin Mithran structures (P) limited, Coimbatore,from February 2003 to April 2007.

**Experience Summary:**

* Having through knowledge of **API standards,AMERICAN,BS**&**Indian Codes** for RC and Steel Structures
* Have extensively used **Structural Software** like STAAD-Pro, ETabs, SAFE, SCIA Engineer, RISA-3D, MathCAD, **Modeling Software** AutoCAD and ZW CAD and other software’s like MS Office.
* Worked in more than hundred projects, which include Analysis, Design and Detailing of Steel and RC structures, High rise buildings, Oil& gas sector. Medium and Heavy Industrial structures, Commercial, Residential and Institutional Buildings, Treatment plants and Communication Towers.

In brief my design experience and job responsibilities include:

**RCC Structures:**

* Series reactor stations
* 400/33kV & 132/11kV Sub stations
* High rise buildings
* Industrial and Commercial Buildings
* Service buildings & control buildings in oil refinery.
* Slip form construction method
* Precast construction method for Multi storey building
* Effluent Water Treatment Plants
* Underground Water Sumps and Overhead Water Tanks

**Steel Structures:**

* Design of Turbine generator buildings and STG deck foundation
* Turbine generator steel building
* Pipe racks, technological structure, pipe sleeper, pipe supports, skid structure and their foundations.
* ESP Structures
* CCR steel building
* Industrial Buildings
* Multiple Evaporator Supporting Structures
* Pre-Engineered Buildings
* Cooling Tower Supporting Structures
* Large Span Halls & Warehouses
* Boiler Houses & Power Houses

**EDUCATIONAL QUALIFICATIONS:**

* M.E –Structural Engineering at PSG College of technology, Coimbatore with CGPA of **8.37**passed out in the year April 2011.
* B.E –Civil from Coimbatore Institute of Technology, Coimbatorepassed out in the year April 2008.
* Both UG & PG pursued in part time basis with working under professor Dr. L.S.Jayagopal, M/s Mithran Structures (P) Ltd.

**TOTAL DESIGN EXPERIENCE:**

**July 2015 - Present** **DERBY DESIGNS LLB,** Senior Design Engineer

**June 2014 - June 2015** **CADS India limited,** Senior Design Engineer

**April 2007 to May 2014 Mithran structures (P) limited,** Design Engineer

**PROJECT DETAILS:**

**International Projects:**

* Office cum admin building for GASCO OPN at abudhabi.
* Proposed Shopping Mall structure in MICA Island, **Iran** for the area of 1.1million sq.m
* 400/33kV Substations for Dubai electrical & water authority.
* 400/33kV Substations for TRANSCO.
* Substations for Saudi electrical company
* Complete analysis and design of analysis & design of pipe rack, technological structure, pipe sleeper, pipe supports, skid structure and their foundations for GASCO OPN.
* Grade mounted platforms, WHRU foundations, and Equipment foundations for GASCO ETA.
* Proposed office cum residential block at Bart’s Square, **London**.
* Proposed Residential towers at Canning town, **East London**.
* Proposed commercial building at Parnell house, **London**.

**Major Concrete Projects:**

* Shopping mall for Erode textile mall limited having the area of 1.3 million sq.m situated in erode,Tamilnadu, India
* Multi Storied building for TNHB (G+17) at Chennai, India
* Institutional building for Nano technology (G+8) in M/S Alagappauniversity, Karaikudi, Tamilnadu, India.
* Commercial and residential buildings with core wall construction (Slip Form construction method) for M/S Town and country developers having the area of 50,000 Sq.m in Coimbatore, Tamilnadu, India.
* Machine Shopfor heavy storage bin of Imposed load 1.5t/m2 for M/S General engineering, Coimbatore, Tamilnadu, India.

**Major Steel Projects:**

* Codissia Trade Fair Complex span of 50m with sinusoidal corrugated web box girder of an arch profile, Coimbatore, TamilNadu, India.
* Pre-Engineered Building span of 60m with oneIntermediate support forM/s. Undweeconscorp, Chennai, Tamilnadu, India.
* Foundry Unit with 50T & 2-20T capacity Cranes for M/s. Dhandapani cements, Trichy, Tamilnadu, India.
* Design and Detailing of ESP Structures (25m Height) for M/s. Malabar Cement (P) Ltd, Kerala, India.
* Design and Detailing of Multiple Evaporator Supporting Structure for M/s. Indian Stitches (P) Ltd and M/s. TrinityColor India (P) Ltd, India, India.
* Arch Truss for a span of 33m with 15m Built up Purlin, Boiler Supporting Structure and Power House for Soft Hosier Mills, India.
* Fink type Truss of span 40m with Plant rooms for M/s. Nucleus Spinning Mills, Aurangabad, India.

**Other Projects:**

* ETP Structures
* Spinning Mills with Plant Houses and Power Rooms
* Dyeing Units along with ETP & Multiple Evaporator
* Chimney Foundation
* CommunicationTower Foundations
* Repair & Rehabilitation Guidance.
* Commercial Complex
* Residential Apartments (G+17)
* Canopy for Petrol Bunks.

**Personal Profile:**

Date of Birth : 5th June 1983

Languages : English, Tamil, Malayalam

Nationality : Indian.

 Marital Status : Married.