**Santhosh**

**Santhosh.298298@2freemail.com**

**EDUCATION & QUALIFICATION**

2015-Present **The University of Leeds – MSc Structural Engineering (Expected 2.2)**

* Relevant modules include: Advanced concrete design, Advanced steel and composite design, Advanced structural analysis, Foundation Engineering, Design and management of structures in earthquake zones.

2010-2014 **KTVR Knowledge Park for Engineering and Technology, Anna University – BE Civil engineering (7.1/10 CGPA)**

* Relevant modules included: Soil mechanics, Strength of materials, Design of reinforced concrete structures, Design of steel structure.

**PROJECTS**

**MSc Structural Engineering**

* Design Project: Motorway over bridge design
* Dissertation: A finite element analysis of the effect of edge and end restraint on the imposed movement of reinforced concrete panel.

**BE Civil Engineering**

* Design Project: Design of economical prefabricated house
* Dissertation: Experimental investigation of using sea shore sand as fine aggregate in concrete.

**RELEVANT EMPLOYMENT HISTORY**

May 2014 – June 2015 **Akshaya developers Site Engineer**

* Assigned as a site engineer for an individual house construction
* Problem-solving: Identifying critical path and organising activities in the construction site
* Used attention to read the structural drawings and execution on the site
* Preparing monthly progress report and cost estimation to senior engineers and managers
* Successfully completed the project on time of schedule
* Skills developed: Professionalism, team working across multi- disciplinary environment, problem-solving and time management.

April 2016 – Present **MIDAS IT CO., Ltd MiBlog student writer**

* The behaviour of the structure under various load is studied by the Finite element analysis of structures using MIDAS FEA to publish blog
* Publishing online blog related to the current trends and research on structural engineering.

**TECHNICAL SKILLS**

* ABAQUS (intermediate), AUTODESK ROBOT (intermediate), STAAD PRO (intermediate), AUTOCAD (advanced), MIDAS (advanced), OFFICE-Word, Excel, &PowerPoint (advanced)
* Code practices: Euro codes, Indian standard codes, British standard codes.

**POSITIONS OF RESPONSIBILITY & ACHIEVEMENTS**

2015 Dean of Engineering excellence scholarship, University of Leeds.

2012 – 2014 Students industrial visit coordinator in KTVR Knowledge Park for Engineering and Technology, India.

2013 First place - Documentary film presentation at RVS Technical campus, India.

2009 First place – District level Yoga sports competition, India.

2007-2008 Represented school throw ball team as a captain.

**OTHER WORKS**

2016 Assistant manager in the Avalon guest house, Leeds (Part-Time)

* Working in the guest house has enhanced my interpersonal skills with customers and management skills with other members of staff.

2015 Waiting/Bar staff, ARC Hospitality, Leeds (Part-Time)

* Part of a catering team that works at various events such as sporting venues, private weddings. Increased skills from all areas of catering, such as teamwork, extensive use of tills, customer interaction.

**ROLES & MEMBERSHIPS**

* Student member of The Institution of Structural Engineers(IStructE)
* Member of university volleyball club
* Service fellowship of Rotaract India
* Junior Red-cross member during school time.

**LANGUAGES**

* English Advanced
* Tamil Native
* Malayalam Basics

**INTERESTS**

* Keen reader of global current affairs
* Keen interest in travelling to different places
* Playing cricket and tennis.