

# Mohammed A. A. AL-amoudi



○ **Date of Birth:** 06/10/1983. ○ **Place of Birth:** Sana'a – Yemen. ○ **Phone:** 00976-777 177 867

○ **Marital Status :** Married.

○ **Nationality:** Yemeni.

○ **E-mail:** [Mohaa\\_ye@hotmail.com](mailto:Mohaa_ye@hotmail.com).

## Education:

2012 – 2014 University of Sciences and Technology (**M.Sc.**), Sana'a – Yemen.

2004 – 2008 University of Sana'a (**B.Sc.**), Sana'a – Yemen.

2000 - 2003 AL-Kuwait High School, Sana'a – Yemen.

## Academic Qualification:

**B.Sc.**, Civil Engineering, Graduation research “Design of buildings to resistant a horizontal forces as wind and earthquakes -New Sana'a International Airport (Case study)”, Very Good 2008.

**M.Sc.**, Structural Engineering, Thesis “The Behavior of Reinforced & Non- Reinforced Hollow and Grouted Concrete Block Walls under Axial Compression”, (Using local materials) Excellent 2014.

## Research Interests:

- Reinforced Concrete Structure.
- Numerical Analysis of Reinforced Concrete Structure.
- Behavior of Reinforced & Non- Reinforced Masonry Walls under Loading.
- Evaluation and maintenance of buildings affected by war.
- Evaluate local building materials and compare to international standards (ASTM).
- Classification of soil under buildings and identification of ways to improve it.

## Academic/Teaching Experience:

12/2014 – Present **Assistant Lecturer**, at the University of Sana'a & at the University of Science and Technology, Sana'a – Yemen.

2015 – 2017 **Assistant Lecturer**, at the University of Saba & at the University of AL-saeeda, Sana'a & Thamar – Yemen.

10/2008 – 11/2014 **Assistant Research**, at the University of Sana'a & at the University of Science and Technology, Sana'a – Yemen.

2010 –2013 **Assistant Research**, at the University of Queen Arwa & Dar Al-Salam & Modern Sciences, Sana'a – Yemen.

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- 12/2013 – Present    **Head of Civil Engineering Department laboratories**, at the University of Science and Technology, Sana'a – Yemen.
- 12/2013 – Present    **Consultant Engineer**, at the Engineering Consultancy and Research Center (UST), Sana'a – Yemen.
- 12/2013 – Present    **Member of the laboratories Committee**, at the Engineering College - University of Science and Technology, Sana'a – Yemen.
- 12/2013 – Present    **Member of the Financial Budget Committee**, at the Civil Engineering Dep - University of Science and Technology, Sana'a – Yemen.
- 2014 – 2017        **Head of Discipline & Guidance Committee**, at the Civil Engineering Dep - University of Science and Technology, Sana'a – Yemen.

## Practical Experience:

- 8/2008 – Present    **Structural Design and Supervisor Engineer**, at the Otefa Foundation for Architectural Contracting, Sana'a & Aden – Yemen.
- 7/2009 – Present    **Materials and Geotechnical Engineer**, at the Ministry of Public Works and Roads, Sana'a – Yemen.
- 2014 –2016        **Geotechnical Engineer**, at the Office of Statika For Engineering, Sana'a – Yemen.
- 2006 –2007        **Structural Design and Supervisor Engineer (As a trainee)**, at the Al Rehab Company for Engineering & Contracting, Sana'a – Yemen.
- 7/2006 – 10/2006    **Structural Design and Supervisor Engineer (As a trainee)**, at the Military works, Sana'a – Yemen.
- 7/2006 – 10/2006    **Structural Design and Supervisor Engineer (As a trainee)**, at the Sam International For Investments Engineering, Sana'a – Yemen.

## Language:

**Arabic**    Native language.

**English**    Very good, in reading, speaking and in writing.

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## Academic/Professional Experience:

- 1/2014 – 3/2018 Preparation of the **laboratory work plans (Per Term)** for the Civil Engineering Department at the University of Science and Technology, Sana'a– Yemen.
- 3/2015 – 3/2018 Preparation **Field Training Plan** for the Civil Engineering Department at the University of Science and Technology, Sana'a– Yemen.
- 10/2016 – 3/2018 Participate in the Preparation **Plan activities** for the Faculty of Engineering at the University of Science and Technology, Sana'a– Yemen.
- 10/2016 – 3/2018 Participate in the Preparation **Plan activities** for the Civil Engineering Department at the University of Science and Technology, Sana'a– Yemen.
- 10/2016 – 3/2017 Development of **the Study Plan** for the Department of Civil Engineering at the University of Science and Technology, Sana'a – Yemen.
- 4/2016 – 11/2016 Participate in the Team to completion of Prepare a **Program Specification of Civil Engineering-Master (PSD)** for the Department of Civil Engineering at the University of Science and Technology, Sana'a – Yemen.
- 12/2013 – 7/2014 Participate in the Team to completion of Prepare a **Program Specification of Civil Engineering-Bachelor (PSD)** for the Department of Civil Engineering at the University of Science and Technology, Sana'a– Yemen.
- 12/2013 – 4/2014 Participate in the Preparation **Course Specification Documents of Soil Mechanics (SM1 & 2)** and surveying courses (**SC1 & 2**)of the Department of Civil Engineering at the University of Science and Technology, Sana'a– Yemen.
- 12/2014 – 2/2014 Prepare a **Course Specification Document of structural theory** of the Department of Architecture Engineering at the University of Science and Technology, Sana'a – Yemen.

## Practical /Professional Experience:

- 8/2008 – 11/2012 **Design and supervision** for many residential & Service projects, governmental and private buildings in Sana'a, Aden, Ameran and hagah cities at the Otefa Foundation for Architectural Contracting, Sana'a & Aden – Yemen.

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- 8/2008 – 11/2012 **Study and analysis of tenders** for many governmental and private projects in Sana'a, Aden, Ameran and hagah cities at the Otefa Foundation for Architectural Contracting, Sana'a & Aden – Yemen.
- 7/2009 – Present **Field Supervisor for sampling soil and rocks** (Manual drilling & mechanical drilling) for laboratory examination, And preparation of soil investigation reports For many residential & Service projects, military and national Special buildings in most governorates - Republic of Yemen.
- 7/2009 – Present **Evaluation, restoration and maintenance of traditional and reinforced concrete structures** which Affected by the default age or because of wars, For many residential & Service projects, and military Special buildings in most governorates - Republic of Yemen.
- 1/2010 – 5/2010 **Member in Review Committee for Structural Design** of Some Building of the University of Amran (Head Office, Medical Faculty, Students Affairs, Library, Guest House and Mosque), Amran, Yemen.
- 8/2008 – Present **Structural Designer and Executive Supervisor-** (Many structures have been design and revised).

## Courses Taught:

- Engineering Drawing.
- Descriptive geometry.
- Architectural drawing for students of Civil Engineering.
- Civil Drawing.
- Engineering Mechanics (Statics & Dynamics).
- Theory of Structures.
- Materials Resistance.
- Surveying Engineering (SC1&2&3).
- Fluid Engineering.
- Hydraulic Structures.
- Soil Mechanics (SM1&2).
- Structural Analysis (SA1&2).
- Sanitary Engineering (SE1&2).
- Computer Applications (Auto CAD 2D, STAAD Pro, Land Development Program).
- Design of Reinforced Concrete Structures (RC1 & 2 & 3).
- Design Of Private Reinforced Concrete Structures (Design Bridges & Tanks Design.
- Laboratories of Surveying & soil & road Fluid and Sanitary.
- Co-supervisor and main supervisor of Final Year B.Sc. Projects (Reinforced Concrete Structures & construction Management & Road construction).

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## Technical Proficiency:

### Applications

- Microsoft Office (Word, Excel, and PowerPoint).
- Drawing Software such as (Auto CAD 2D, 3D and Auto CAD Structural Detailing).
- Structural Analysis and Design Programs such as (STAAD Pro. & ROBOT Structural Analysis).
- Land Development Program.
- Finite Element Program (ABAQUS).

## Training Courses:

- |                         |  |
|-------------------------|--|
| 27/1/2017 - 18/2/2018   | <b>Autodesk Auto CAD Structural Detailing</b> (24 training hours) - Teaching and Learning Center - University of Science and Technology.   |
| 23/12/2017 - 24/12/2017 | <b>Modern Teaching Methods - Case Study</b> (6 training hours) - Teaching and Learning Center - University of Science and Technology.  |
| 3/6/2017 - 4/6/2017     | <b>Design Of Electronic Courses According To Quality Matters</b> (10 training hours) - Teaching and Learning Center - University of Science and Technology.  |
| 23/4/2017 - 25/4/2017   | <b>Writing Scientific Research and Published</b> (9 training hours) - Teaching and Learning Center - University of Science and Technology.   |
| 15/4/2017 - 22/4/2017   | <b>Basics of Geographic Information Systems using the ARC GIS-10.2 program</b> (10 training hours) - Water and Environment Center - Faculty of Engineering - University of Science and Technology. |
| 4/3/2017 - 20/3/2017    | <b>Operation And Maintenance Of Sanitary Laboratory Devices</b> (32 training hours) – Ghayth Aquatech – Sana'a - Republic of Yemen.  |
| 12/2/2017 - 25/2/2017   | <b>Autodesk Etabs Structural Analysis &amp; Design Professional</b> (20 training hours) - Teaching and Learning Center - University of Science and Technology.                                     |
| 1/12/2016 - 15/12/2016  | <b>Training Certificate Of Total Station Device – Leica 705</b> (35 training hours)-Engineering Consultancy and Research Center (ECRC)-University of Science and Technology.                       |
| 5/1/2016                | <b>Appreciation Certificate About the occupational safety laboratories at the Faculty of Engineering</b> -Engineering Consultancy and Research Center (ECRC)-University of Science and Technology. |

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- 16/12/2015 - 31/12/2015 **Autodesk Robot Structural Analysis & Design Professional** (25 training hours) - Autodesk - Statika For Engineering - Sana'a - Republic of Yemen.
- 29/11/2015 - 2/12/2015 **Communication Skills In University Education** (12 training hours)- Teaching and Learning Center - University of Science and Technology.
- 24/10/2015 - 3/11/2015 **Autodesk Robot Structural Analysis & Design Professional** (24 training hours) - Teaching and Learning Center - University of Science and Technology.
- 21/3/2015 – 25/3/2015 **Develop Specification University Courses** (12 training hours) - Teaching and Learning Center - University of Science and Technology.
- 17/12/2014 **Research Misconduct Workshop** (3 training hours) – US National Academy of Sciences & University of Science and Technology - University of Science and Technology.
- 27/4/2014 – 15/5/2014 **Construction management training and trainers** (90 training hours) – the Yemen education for employment (efe) - Sana'a - Republic of Yemen.
- 22/12/2013 **The brilliant speaker** – Sona'a Al Karar For Human Development - Sana'a - Republic of Yemen.
- 20/12/2013 – 22/12/2013 **The Art Of Presentation** (12 training hours) – Sona'a Al Karar For Human Development - Sana'a - Republic of Yemen.
- 12/11/2013 – 17/11/2013 **Diploma in successful leader in dustry** (18 training hours) – Sona'a Al Karar For Human Development - Sana'a - Republic of Yemen.
- 2009 –2013 **Appreciation Certificate For The Success Of Field Training For Students Of The Department Of Civil Engineering**– Faculty of Engineering - University of Science and Technology.
- 15/7/2007 - 15/8/2007 **Autodesk Land Development** (35 training hours) - Faculty of Engineering - University of Sana'a.
- 30/7/2006 - 30/8/2006 **Autodesk Auto CAD 2D** (35 training hours) - Faculty of Engineering - University of Sana'a.
- 30/7/2006 - 30/8/2006 **Autodesk Staad pro** (35 training hours) - Faculty of Engineering - University of Sana'a.
- 2006 –2007 **Training Certificate In Design And Executive Supervision Of Bridges And Tunnels**– at the Al Rehab Company for Engineering & Contracting, Sana'a –Republic of Yemen.

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1/7/2006 - 1/10/2006 **Training Certificate In Design And Executive Supervision Of special Buildings**– at the Military works, Sana'a –Republic of Yemen.

10/7/2006 - 20/9/2006 **Training Certificate In Design And Executive Supervision Of special Buildings**– at the Sam International For Investments Engineering, Sana'a –Republic of Yemen.

**Appreciation Certificate** For the success of the educational process in the Faculty of Engineering at the academic year 2015/2016 From Presidency of the University of Science and Technology.

**Appreciation Certificate** For the success of the educational process in the Faculty of Engineering at the academic year 2016/2017 From Presidency of the University of Science and Technology.

## Publications:

- **Mohammed A.A.AL-Amoudi**, Ahmed H.ALwathaf (2014) “The **Behavior of Hollow Concrete Block Masonry under Axial Compression**” Journal of engineering Sciences, Vol. 3, No. 2, pp. 32-53, ISSN: 2319-9999 (Faculty of Engineering - Sana'a University).
- **Plane Surveying Volume (1)** (Book), Deposit in General Authority for Books- Books House (288/2016) published in 11/2016 (First Edition) and (675/2017) published in 11/2017 (Second Edition).
- **Topographic Surveying Volume (2)** (Book), Deposit in General Authority for Books- Books House (420/2017) published in 3/2017 (First Edition) and (792/2018) published in 2/2018 (Second Edition).
- **Traffic Engineering and Transport Planning** (Book), Deposit in General Authority for Books- Books House (674/2017) published in 11/2017.
- **Reinforced Concrete for Architect** (Book), Deposit in General Authority for Books- Books House (---/2017) published in 2/2018.
- **Registration of Plane Surveying Course** (Video), 12 lectures (7hr), Learning Management System at Faculty of Electronic learning and Open Education- University of Science and Technology (2017).
- **Registration of Topographic Surveying Course** (Video), 12 lectures (7hr), Learning Management System at Faculty of Electronic learning and Open Education- University of Science and Technology (2018).

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- **Registration of Traffic Engineering and Transport Planning Course** (Video), 12 lectures (7hr), Learning Management System at Faculty of Electronic learning and Open Education- University of Science and Technology (2018).

## Professional Affiliations:

- Member of Yemeni Engineering Syndicate.
- Member of University of Sciences and Technology Staff Members Syndicate.
- Member of the administrative board of University of Sciences and Technology Staff Members Syndicate.
- Member of Environment Friends Association.

## Reference:

1. Professor: **Ahmed Hassan Alwathaf**.  
Civil Engineering Department, Sana'a University- Republic of Yemen.  
E-mail: [aalwathaf@gmail.com](mailto:aalwathaf@gmail.com).
2. Professor: **Hamoud Aldafiry**.  
Civil Engineering Department, Sana'a University- Republic of Yemen.  
E-mail: [albonian2000@yahoo.com](mailto:albonian2000@yahoo.com).
3. Professor: **Abdulmalek Al-Jolahy**.  
Civil Engineering Department, Sana'a University- Republic of Yemen.  
E-mail: [aljolahy@hotmail.com](mailto:aljolahy@hotmail.com).
4. Professor: **Abdul latif Al-munifi**.  
Civil Engineering Department, UST University.  
E-mail: [amunifi@gmail.com](mailto:amunifi@gmail.com).
5. Assistant Professor: **Ziyad Algaboby**.  
Civil Engineering Department, UST University- Republic of Yemen.  
E-mail: [Ziyad90@gmial.com](mailto:Ziyad90@gmial.com).
6. Assistant Professor: **abdulwahab AL-nono**.  
Civil Engineering Department, Sana'a University- Republic of Yemen.  
E-mail: [abdulwahab\\_alnono@yahoo.com](mailto:abdulwahab_alnono@yahoo.com).