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**Date of Birth:** October 23, 1996.

**Military status:** Completed military service.

**Summary:**

- A dynamic and detail-oriented Civil Engineer with over 3 years of experience across geotechnical, structural, and quality control engineering. Proven expertise in managing projects, conducting site investigations, and delivering innovative, cost-effective solutions. Adept at utilizing advanced engineering tools to optimize project outcomes, ensuring safety and quality standards. Skilled leader with a commitment to continuous professional development and sustainability-focused practices.

**Skills:**

- **Hard Skills:**
  - Autodesk AutoCAD and AutoCAD Structural Detailing (ASD).
  - Autodesk Revit.
  - CSI Programs (SAP2000, ETABS, SAFE, SP Column).
  - Microsoft Office (Word, PowerPoint, Excel).
  - Quality Control for Engineering Works.
  - Total Station and leveling instruments.
  - Finite Element Analysis (FEA).
  - Soil-Structure Interaction.
  - Site Investigations.
  - Shallow and Deep Foundation and Earth Retaining Structures.
- **Soft Skills:**
  - Leadership and Team Management.
  - Problem-Solving and Decision-Making.
  - Effective Communication and Stakeholder Engagement.
  - Adaptability and Resilience Under Pressure.
  - Time Management and Task Prioritization.
  - Analytical Thinking and Attention to Detail.
  - Teamwork oriented and Site management.
  - Eager to learn and improve.

## Work Experience:

- **Geotechnical Site and Office Engineer (Full-Time):** Mar. 2023 – now
  - ASAS Engineering Design and Consultancy.
    - Supervised geotechnical and structural engineering activities for infrastructure projects.
    - Resolved site challenges, including soil instability and design inconsistencies, ensuring project continuity.
    - Prepared technical reports with actionable recommendations, improving decision-making processes.
- **Part-Time Site and Office Engineer:** Mar. 2023 – now
  - Perfect Engineering Design and Consultancy.
    - Spearheaded structural designs for diverse projects, ensuring compliance with local regulations.
    - Optimized resource usage and addressed site-specific challenges during construction phases.
    - Enhanced project delivery by implementing efficient construction methodologies.
- **Site Engineer:** Feb. 2022 – Mar. 2023
  - Hurghada Airport, military air forces, (Armed Forces Engineering authority).
    - Conducted detailed evaluations and implemented restoration strategies for deteriorated structures.
    - Supervised the construction of perimeter walls for the external military airport facilities, adhering to strict military safety standards and optimizing resource utilization to reduce costs by 7%.
    - Collaborated with multidisciplinary teams to ensure seamless execution and compliance with project goals.
- **Part-Time Geotechnical Office Engineer:** Feb. 2022 – Mar. 2023
  - ASAS Engineering Design and Consultancy.
    - Performed geotechnical site investigations, delivering tailored solutions for challenging soil conditions.
    - Supported senior engineers in the design and execution of complex foundation systems.
    - Contributed to geotechnical reports used in decision-making for residential and commercial projects.
- **Part-Time Site and Office Engineer:** Feb. 2022 – Mar. 2023
  - Perfect Engineering Design and Consultancy.
    - Executing various structures and preparing structural designs and drawings.
- **Geotechnical Engineer (Full-Time):** May. 2021 – Dec. 2021
  - ASAS Engineering Design and Consultancy, Aswan Governorate.
    - Conducting soil tests and preparing technical reports and recommendations.

## Education:

- Master of Science in Civil Engineering – Aswan University, (Ongoing). 2023 – now
- Bachelor's degree in Civil Engineering – Aswan University, (overall grade: Excellent with honors). 2016 – 2021
- Graduation Project: Geotechnical Engineering, Foundation Design. (Project grade: Excellent).

## Technical Courses and Certifications:

- General English Skills: Jun. 2024 – Oct. 2024
  - Center of studies and Development of Computers and Information Systems, Faculty of Computer & Artificial Intelligence, Cairo University.
    - Completed 12 levels of General English.
    - Completed 6 levels of Conversation English.
    - Phonetics, Translation, and Business English.
- Structural Design Diploma: Aug. 2020 – Oct. 2020
  - Bena Academy
    - Focused on advanced structural Design for High-rise buildings, halls, villas, and tanks using AutoCAD, SAP2000, ETABS, SAFE, and SP Column.
- Professional Site Engineer Diploma: Aug. 2020 – Oct. 2020
  - Bena Academy
    - Covered site supervision, material testing, and safety compliance.
- Autodesk AutoCAD Certified (Advanced). Aug. 2020 – Oct. 2020

## Training:

- Office: PERFECT Engineering Design and Consultancy: May. 2021 – Oct. 2021
  - Project: Design and construction of residential houses and apartment buildings, and securing building permits in Naj'Hammadi City.
- Office: ASAS Engineering Design and Consultancy: May. 2019 – Oct. 2019
  - Project: Construction of Animal Production Complex in Al-Kharga, New Valley governorate.
- Company: ULTRA General Contracting Company. Jun. 2018 – Sept. 2018
  - Project: Construction of 706 housing units for aluminum workers in the village of Baraka, Naj'hammadi City.

## Languages:

- English: Very good working proficiency.