

## Structural & Civil Engineer

Dedicated structural engineering professional with over five years of experience working with civil engineering and construction teams. Skilled in project management and communication for extensive and complex building projects. Offering expertise in process optimization and quality assurance for a company focused on community development objectives.

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United States



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#### **WORK EXPERIENCE**

# Structural engineer Zafra Minhas Construction Llc

02/2018 - 05/2020

ASC Engineers, Inc. provided high-quality civil/structural engineering and construction management services in Guam and the CNMI.

Achievements/Tasks

- Blueprints and geographic measurements were analyzed to determine construction infrastructure requirements.
- I developed a building design plan in collaboration with civil engineering experts.
- Routine structural assessments were performed to identify and resolve potential structural issues.
- To ensure efficient operations, we have adjusted the schedules of engineering and construction experts.
- Performed preliminary design of new products and modifications to existing designs using computer aided drafting software.
- Developed design documents using AutoCAD Civil 3D and Microstation V8 (MSV8) software.

# Civil Engineer

# Nys Department Of Transportation

03/2010 - 06/2016

NewYork, United States

Achievements/Tasks

- Led the design and construction of infrastructure projects, including roads, bridges, and water supply systems, adhering to regulatory standards and project specifications.
- Conducted site visits to assess project feasibility, evaluate existing conditions, and provide cost estimates for proposed projects.
- Collaborated with architects, surveyors, and other engineering disciplines to develop comprehensive project plans and ensure seamless integration of design elements.

### Structural Engineer Grace Industries Llc

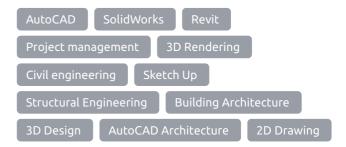
09/2016 - 12/2017

NewYork, UnitedStates

Achievements/Tasks

- Led the structural design and analysis of various building projects, including commercial high-rises, residential complexes, and institutional structures.
- Utilized advanced software tools, such as ETABS and SAP2000, to perform structural analysis, modeling, and design calculations.
- Collaborated with architects, contractors, and other engineering disciplines to develop comprehensive structural plans and ensure design integration.
- Prepared detailed structural drawings, specifications, and reports, ensuring compliance with local building codes and regulations.

## **SKILLS**



#### VOLUNTEER EXPERIENCE

#### **3D Models**

9/11 Memorial & Museum

09/2021 - 06/2022

Created a personal website/portfolio showcasing a collection of 3D models and designs.

#### **EDUCATION**

# Bachelor's Degree

New York University, United States

04/1990 - 12/1994

United States

Courses

 Bachelor of Science in Civil **Engineering** with Specialization in Hydraulics and Water Resources, December 1995, New York **University-United States** 

#### **CERTIFICATES**

Professional Engineer License(NY) (01/1996)

Licensed Civil Engineer, United States (05/1995)

#### **LANGUAGES**

Native or Bilingual Proficiency

Limited Working Proficiency

#### **INTERESTS**

Altium Designer

Electrical

PCB design

Circuit Design