



MICHAEL ANDERSON

STRUCTURAL ENGINEER

CONTACT

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- San Francisco, CA

SKILLS

- Seismic Design
- ETABS
- SAP2000
- Structural Rehabilitation
- Project Management
- Code Compliance

LANGUAGES

- English
- Spanish
- French

EDUCATION

BACHELOR OF SCIENCE IN CIVIL ENGINEERING, STATE UNIVERSITY, 2013

ACHIEVEMENTS

- Instrumental in securing a \$2 million grant for seismic retrofitting projects.
- Presented findings at a national engineering conference on seismic safety.
- Received commendation for outstanding project delivery and teamwork.

PROFILE

An accomplished Structural Analysis Engineer with a robust background in seismic design and retrofitting of structures. Over 8 years of experience in the civil engineering sector, specializing in the assessment and rehabilitation of aging infrastructure. Demonstrates proficiency in utilizing advanced modeling software to predict structural responses to dynamic loads.

EXPERIENCE

STRUCTURAL ENGINEER

Seismic Solutions Ltd.

2016 - Present

- Conducted seismic risk assessments for urban structures.
- Utilized ETABS and SAP2000 for dynamic analysis and modeling.
- Developed retrofitting plans for existing buildings to enhance earthquake resistance.
- Collaborated with city planners to integrate safety standards into new designs.
- Prepared technical reports detailing analysis findings and recommendations.
- Participated in community outreach to educate stakeholders on seismic safety.

JUNIOR STRUCTURAL ENGINEER

Urban Infrastructure Group

2014 - 2016

- Assisted in the design and analysis of commercial and residential structures.
- Performed material testing and evaluations to ensure compliance with standards.
- Created detailed structural drawings and specifications for construction.
- Supported senior engineers in project management and documentation.
- Conducted field inspections to monitor construction progress and quality.
- Engaged in team brainstorming sessions to develop innovative design solutions.