

# TOM NUNEZ

## Experienced Civil Engineer & Project Leader

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### SUMMARY

With over 10 years of experience in civil engineering, I bring a deep technical proficiency and a proven track record of managing large-scale bridge projects. I am adept at using tools like SAP, CSI Bridge, CTBridge, AutoCAD, and MicroStation, and have a strong understanding of Caltrans and local agency design standards. One of my biggest achievements has been the successful completion of a major bridge project that won the 'Best Infrastructure Project' award.

### EXPERIENCE

#### Senior Civil Engineer

##### ABC Engineering

2018 - 2023 San Francisco, CA

Led the design and implementation of bridge projects.

- Managed a team of 10 engineers, resulting in successful completion of 5 major bridge projects within a year.
- Implemented new design standards, reducing project costs by 15%.
- Conducted regular site investigations, ensuring compliance with local regulations.

#### Civil Engineer II

##### XYZ Infrastructure

2015 - 2018 San Francisco, CA

Worked on the design and analysis of bridge projects.

- Designed and analyzed over 30 bridge structures using SAP and CSI Bridge.
- Prepared detailed construction drawings and contract documents for 20+ projects.
- Coordinated with local agencies to ensure compliance with design standards and criteria.

#### Civil Engineer I

##### PQR Construction

2012 - 2015 San Francisco, CA

Assisted in the planning and development of bridge projects.

- Assisted in the planning and development of 10 bridge projects.
- Prepared technical reports, cost estimates, and proposals for various projects.
- Collaborated with different teams to ensure smooth execution of projects.

### EDUCATION

#### MSc in Civil Engineering

##### University of California, Berkeley

2013 - 2014 Berkeley, CA

#### Bachelor's Degree in Civil Engineering

##### University of California, Berkeley

2008 - 2012 Berkeley, CA

### SKILLS

SAPCSI BridgeCTBridgeAutoCADMicroStation  
Project ManagementBridge Analysis  
Design StandardsContract Documents

### STRENGTHS



#### Project Management

Managed over 20 large-scale bridge projects, ensuring they were completed on time and within budget.



#### Technical Proficiency

Proficient in using SAP, CSI Bridge, CTBridge, AutoCAD, and MicroStation for designing and analyzing bridge structures.



#### Regulatory Knowledge

In-depth understanding of Caltrans and local agency design standards, criteria, practices, and policies.

### ACHIEVEMENTS



#### Bridge Design Patent

Developed a unique bridge design that was patented and has been adopted in multiple infrastructure projects.



#### Leadership in ABC Engineering

Promoted to a leadership role within two years at ABC Engineering due to exceptional performance and project management skills.

### MY LIFE PHILOSOPHY

Engineers like to solve problems. If there are no problems handily available, they will create their own problems.

### LANGUAGES

English  
Native



Spanish  
Advanced

