

Damien Kaur

Structural Engineer

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SUMMARY

Detail-oriented Structural Engineer with over five years in forensic consulting and civil engineering. Expertise lies in assessing structural failures, providing detailed reports for legal and insurance clients. Effectively managed multiple projects while fostering strong client relationships. Communicated complex findings understandably to diverse audiences. Committed to delivering high-quality results that meet industry standards and enhance service quality.

EXPERIENCE

Structural Engineer

Engineering Solutions Corp 📅 June 2021 - Present 📍 Bellevue, WA

Supported forensic investigations into various property types, identifying root causes of structural issues. Collaborated with clients, ensuring alignment on project scopes and methodologies.

- Conducted forensic investigations on over 50 properties, pinpointing structural failures' causes.
- Authored concise reports for legal proceedings, enhancing understanding of technical findings.
- Managed concurrently running projects, effectively coordinating timelines with expert teams.
- Introduced efficient investigation protocols, resulting in improved data collection methods.
- Mentored junior engineers in field practices and reporting techniques.
- Elevated client satisfaction through customized solutions addressing unique engineering challenges.

Structural Analyst

Tech Innovations Inc. 📅 March 2019 - May 2021 📍 Redmond, WA

Analyzed building safety using advanced engineering software, ensuring adherence to regulations during project lifecycle.

- Evaluated the structural integrity of designs, working closely with architectural teams for optimal adjustments.
- Inspected construction sites, documenting findings to advise on compliance and safety matters.
- Contributed to technical report preparation, aiding a 15% boost in project acquisition success rates.
- Engaged directly with clients to gather specifications, facilitating project satisfaction throughout execution.
- Led initiatives streamlining report preparation processes, reducing completion time significantly.

Field Engineer

Constructive Solutions LLC 📅 January 2017 - February 2019 📍 Tacoma, WA

Provided integral support during field investigations related to construction defects, ensuring comprehensive evidence was gathered.

- Documented important site conditions while investigating structural failures, which aided legal disputes.
- Collaborated with stakeholders to craft accurate scopes of work while estimating project budgets.
- Facilitated updates between client and project teams, maintaining clarity throughout project phases.
- Participated in compliance assessments, reinforcing workplace safety standards across all operations.
- Actively contributed to resolving numerous legal disputes through precise documentation and analysis.

LEADERSHIP & AWARDS

- Excellence in Engineering Award from Engineering Solutions Corp for outstanding project delivery.
- Best Technical Report Award at Tech Innovations Inc. for contribution to project documentation.

EDUCATION

Bachelor's Degree in Civil Engineering

University of Washington 🎓 GPA: 3.7 📅 2016 📍 Seattle, WA

Coursework: Forensic Engineering, Statics, Materials Science, Structural Analysis

CERTIFICATIONS

- Professional Engineer (P.E.) 📅 2018
- Certified Forensic Consultant 📅 2020

TECHNICAL SKILLS

- **Analytical Tools:** MATLAB, AutoCAD, SAP2000

- **Project Management Tools:** Trello, Asana, MS Project
- **Writing Tools:** LaTeX, Microsoft Word, Google Docs
- **Data Analysis Software:** R, Python, Excel
- **Engineering Frameworks:** AISC, ACI, ASCE Standards
- **Inspection Technologies:** Drone Surveying, Ground Penetrating Radar, Stress Testing Equipment
- **Client Management Platforms:** Salesforce, HubSpot, Zoho CRM
- **Reporting Systems:** ArcGIS, BIM 360, Bluebeam
- **Compliance Guidelines:** OSHA, ISO 9001, ASTM Standards
- **Engineering Applications:** Staad Pro, Robot Structural Analysis, ETABS

SKILLS

- Forensic Engineering
- Project Management
- Data Analysis
- Technical Report Writing
- Client Relationship Management
- Microsoft Office Suite
- Engineering Design Software
- Communication Skills
- Time Management
- Structural Analysis
- Site Inspections
- Regulatory Compliance
- Safety Assessments
- Investigative Methods
- Budget Estimation
- Team Collaboration

PROFESSIONAL AFFILIATIONS

- Member of the American Society of Civil Engineers (ASCE), staying current with industry trends.
- Active participant in local engineering networking groups, advocating for professional development.

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST