

Kendal Demirel

Vancouver, BC

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Profile:

Civil Engineer with 5+ years experience who has a strong work ethic and enjoys a hands-on approach in the field.

Professional Memberships & Certificates:

- **EIT Application in Process**, EGBC, Vancouver, BC, 2024-Present
- **ProCORE Certificate**, ProCORE, Vancouver 2024
- **Fall Protection Certificate**, Canada Safety Training Centre, 2024
- **Member Student/Apprentice**, Vancouver Regional Construction Association, Vancouver, 2024-Present
- **First Aid Level 1 Certificate**, ProSafe 1st Aid Training School, Vancouver, 2024-2027

Core Skills:

-Cost Estimation & Budgeting -Pre-Construction Planning -Construction Management & Site Operations
-Teamwork & Coordination -Procurement & Resource Allocation -Site Inspections & Quality Control
-Blueprint & Specification Interpretation -Scheduling & Coordinating -MS Word, Excel, Google Sheets

Technical Summary:

Software: AutoCAD, Civil 3D, Sketchup, ProCORE, SiteDOCS

Project Management: Technical Drawing Review & Approval, Site Inspection & Coordination, Value Engineering

Design: Structural Analysis, Shear Walls, Modeling & Analysis, Construction & Shop Drawings, Site Assessment

Design Codes & Standards:

- Turkey Building Earthquake Regulation (TBDY-2018)
- TS 500: Requirements for Reinforced Concrete Design and Construction
- TS EN 197: Cement specifications

Professional Experience:

Civil Engineer Intern: Jeomed Engineering, Aydin, Turkey

2020-2021

Design and Build Construction Firm.

Summer Villas:

- Managed the design, construction, and finishing phases of 20 high-end summer villas. Oversaw projects on individual plots ranging from 500 m² to 750 m², with villa footprints of 50 m² to 75 m² each.
- Designed and coordinated the construction of 4 swimming pools to complement the residential development.
- Worked closely with engineers and architects during the design phase, offered insights on constructability, material selection, and cost-effective solutions, using local municipality building codes and AutoCAD drawings with Civil 3D programs. Utilized SketchUp to analyze designs and present future project insights to clients.
- Identified and negotiated with subcontractors (builders, framers, carpenters, plumbers) for specialized work, ensuring quality craftsmanship and cost efficiency.
- Provided cost estimates for potential projects, evaluating material, labor, and permitting expenses to ensure financial viability.
- Led project execution by managing construction teams, coordinating workflows, and ensuring adherence to safety procedures and regulatory compliance. Used Google Sheets and Excel for management documentation.
- Conducted regular site visits to monitor progress, troubleshoot issues, and maintain high construction standards. Used Excel, Google Sheets, and local apps to facilitate and maintain site coordination.
- Maintained close communication with clients throughout the process until project completion.

Professional Experience:

Civil Engineer Intern: City of Didim, Aydin, Turkey

2019

Government authority responsible for approving building permits, compliance with zoning regulations and codes.

- Reviewed over 50 architectural and structural drawings for reinforced concrete and steel rebar-based construction projects, identifying errors and inconsistencies.
- Detected issues such as incorrect Floor Area Ratio (FAR) calculations and improper rebar specifications which didn't meet code requirements. Collaborated with architects and site engineers to address and resolved errors.
- Delivered engineering drawings, CAD software, and architectural detailing, enabling precise assessment and compliance verification.
- Worked closely with engineers, architects, and municipal officials to ensure designs met safety, structural, and regulatory standards.
- Conducted site visits to inspect and verify the quality and accuracy of rebar installation, ensuring compliance with design specifications before proceeding with construction.

Civil Engineer Intern: SERTKA Construction, Batman, Turkey

2018

A construction firm.

Batman City Hospital Project:

A construction project of a 20,690 m² hospital, designed to accommodate 5,000 daily patients, featuring 9 operating rooms and 58 intensive care units.

- Reviewed and verified construction drawings to ensure compliance with project plans, local building codes, and quality standards.
- Conducted structural quality checks, including rebar height and count verification to ensure building integrity, as well as concrete testing using the slump test to confirm mix consistency and strength.
- Managed finishing subcontractors and site workers, ensuring precise execution of design specifications. Supervised finishing trades while simultaneously overseeing concrete and rebar operations in other phases.
- Supported quality control, construction coordination, and workflow optimization. Maintained a safe working environment while leading teams to complete tasks ahead of schedule.

Project Coordinator: First Dimension Glass, Vancouver, BC

2023-2024

A construction subcontractor.

The Butterfly Building: A mixed use 43-story building.

SENAKW Development: A 11-tower mixed use project.

- Promoted to this position from Lead Hand Glazier in 2023.
- Led glazing projects from initiation to completion, ensuring strict adherence to schedules, budgets, and client specifications while optimizing workflow efficiency.
- Analyzed architectural and engineering drawings for accuracy and compliance with building codes and glazing standards, utilizing PDF tools, Bluebeam, and AutoCAD for precise assessments.
- Streamlined communication between site teams, subcontractors, and suppliers to ensure seamless project execution and on-time delivery. Utilized Procore, SiteDocs, Google Sheets, and Excel for efficient documentation and coordination.
- Enforced WHMIS, Fall Protection, and other safety regulations, fostering a culture of safety and ensuring a hazard-free work environment.

Professional Experience:

Site Coordinator: DAG Construction, Vancouver, BC

2021-2022

Alberni by Kengo Kuma Project:

A 43-story mixed used building project valued at around CDN\$360million.

- Oversaw all on-site activities, coordinating schedules and ensuring the efficient execution of daily tasks to meet project milestones. Managed a team of 10-15 workers, providing high-quality support for clients while maintaining rigorous safety standards. and the project was completed on time, meeting all deadlines.
- Ensured proper allocation of resources, including manpower and materials, and coordinated deliveries to avoid delays. Facilitated the organization of site logistics, including transportation of materials, scheduling equipment, and managing storage areas to optimize workflow.
- Enforced strict safety protocols on-site, conducted safety briefings, and ensured compliance with all safety regulations and codes. The project was completed successfully with no Safety incidents.

Other Professional Experience:

Lead Hand Glazier, First Dimension Glass, Vancouver, BC

2022-2023

Education:

Glazing Level 1 Certificate, Finishing Trades Institute, Vancouver, BC

2023-2024

Diploma in Business Management, Toronto School of Management, Toronto, ON

2021-2022

Bachelor's Degree in Civil Engineer, Beykent University Istanbul, Turkey

2015-2020

WES Canadian Equivalency: Bachelor's degree