

## **Karthik Dayananda**

6 Benmore Crescent Brampton ON L6P 2S8  
Tel:(647) 540-9269 [Kddayananda9@gmail.com](mailto:Kddayananda9@gmail.com)

### **PROFILE**

A creative Architectural Technologist with hands on and in depth technical experience in Revit, AutoCAD and SketchUp. Project work experience in Shaw Lake Resort Hotel Architectural Design and other projects. Completed 4 Years of Advanced Diploma in Architectural Technology at Humber College in Toronto. An energetic self-starter and result oriented technologist who delivers projects on or ahead of schedule meeting client requirements. Delivers high quality, low cost solutions through strategic planning and implementation, focused on enhancing the customer experience and increasing company profitability.

### **Project Experience**

This design project was to model a hotel building with 30 guest rooms (with a provision to add 20 more rooms in the future), lounges, dining room, restaurant, meeting room, fitness room and games room. This hotel and the landscape were to be built on a slope, by the Shaw Lake that would attract various guests with activities such as conventions, banquets, weddings, golfing, swimming, canoeing/kayaking, hiking, horseback riding, hot air ballooning, and skiing.

My responsibilities:

- Assigned as the Project Lead along with 3 students to complete this project
- Coordinated project work with the senior architect from the engineering firm, also Designed and generated building drawings in Revit and AutoCAD for interior and exterior building components, and made sure to Verify the building codes for occupancy permit application with the buildings department.
- Developed client package in SketchUp Pro and lead presentation that satisfied property development contractor, And Completed the designs for interior layouts, custom cabinetry, and mill-work

#### **Town Community Center Building Design, Alton Mills, ON Jan-April 2018**

Town of Alton proposed to build a new community center, which was to be located in an existing Millrun property in Shaw's Creek. Humber College approached the Town to use this real-life example for student learning, and top student designs were submitted to the architectural firm hired by the Town.

My responsibilities:

- Developed site analysis and generated building drawings in AutoCAD for interior and exterior building components and a client package in Sketchup Pro and lead presentation that satisfied property development contractors.
- Developed conceptual structural framing design, multiple roof levels and ramps for access
- Performed plan-check to ensure design was in compliance with Ontario and National Building Codes.

## **Residential Home Design Jan-April 2018**

The objective of the project was to design a 3000 square feet area, 3-story family home with full basement.

My responsibilities:

- Develop and designed a detailed building drawings (3 level floor plans, garage, basement) in AutoCAD, including conceptual design incorporating project specifications, bubble diagram and site analysis
- Generated client package in Revit to be included in the construction proposal package.

## **Highlights of Qualification**

- Developed skills in computer-aided drawings programs: AutoCAD, Revit, SketchUP, Adobe Illustrator, Photoshop and Indesign, and knowledge building codes, building specifications, estimating, structural and environmental systems.
- Provided 3D drawings for presentations to the client which included building design, drafting, detailing and presentation packages.
- Designed Sustainable architecture, passive house systems and net zero design and construction for interior layouts, custom cabinetry, and mill-work.

## **Technical Skills:**

**Computer Aided Design (CAD):** AutoCad,Revit, and Sketchup

**3D Presentation Programs Adobe:** illustrator,indesign and photoshop

**Microsoft Office Software:** Word, and Powerpoint

**Building Code:** Knowledge of Ontario and National Building Code with Sustainable and Green Design.

## **Relevant Courses:**

Architectural Site Planning

Building Science

Sustainable Design

Estimating

Project Management

Drafting and Detailing: House Design

Drafting and Detailing: Steel and Masonry

Drafting and Detailing: Mass Timber

Drafting and Detailing: Concrete

Drafting and Detailing: Resort Hotel

## **Education**

**Ontario High School Diploma Sandalwood Heights Secondary  
School, Brampton, ON 2010 - 2014**

**Advanced Diploma in Architectural Technology Humber College,  
Toronto, ON 2014 - 2018**

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Drafting and Detailing: House Design  
Drafting and Detailing: Steel and Masonry  
Drafting and Detailing: Mass Timber  
Drafting and Detailing: Concrete  
Drafting and Detailing: Resort Hotel

### **WORK EXPERIENCE**

**Pearson International Airport (Menzies Aviation Ltd.), Toronto, ON**

**Ramp Agent**

**December 2018 - Present**

- Interprets aircraft weight and balance loading instructions, hazardous material identification labels, aircraft loading manifests and perform loadings tasks.
- Spearheads safe operation and proper handling of passenger baggage, freight and mail.
- Performs aircraft marshalling and wing walking.
- Ensures tasks are performed in accordance with the Company and Airline specific procedures and policies.
- Records and communicates pit loading counts and procedures to appropriate authorities.



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