

- S U S H M A S H R E S T H A -

Architectural CAD Designer / Draftsperson

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Detail-oriented **Architectural Technologist** skilled in **AutoCAD**, **SketchUp**, and advanced **3D rendering** techniques, with a proven ability to deliver visually compelling, precise, and cost-effective **design plans**. With a strong foundation in **architectural** and **engineering principles**, I excel at creating photo-realistic presentations and completing projects ahead of schedule and under budget. Known for exceptional communication and collaboration skills, I foster team cohesion and streamline project efficiency. I am eager to bring my expertise as an **Architectural CAD Designer**, **Draftsperson**, or **Interior Designer** to a dynamic, team-oriented environment where innovation and precision drives to success.

Area of Expertise

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- **CAD Software:** AutoCAD, Revit, SketchUp
 - **3D Rendering:** Lumion, V-ray, Enscape
 - **Building Code Compliance:** BCIN Certification, Zoning Laws, Fire Regulations
 - **Design & Drafting:** Construction Drawings, Interior Design, Architectural Drafting
 - **Tools:** Adobe Photoshop, Microsoft Office (Word, Excel, PowerPoint), SAP knowledge
 - **Data Processing:** Cyclone (Point Cloud)
 - **Project Management:** Procore, Primavera, Microsoft Project
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PROFESSIONAL EXPERIENCE

J-Tech Laser Scan Inc., Ingersoll, ON • Draftsperson

Apr. 2024 - Present

- ▶ **Technical Drawings:** Produced and finalized detailed technical drawings using AutoCAD, reducing errors and significantly accelerating project timelines.
- ▶ **Precision Modeling:** Leveraged Cyclone to process point cloud data, improving the accuracy of 3D models and technical drawings.
- ▶ **Data Registration:** Utilized Register 360 to effectively register field scan data, ensuring seamless integration into drafting workflows.
- ▶ **Field Operations:** Conducted on-site laser scanning to capture precise layouts and dimensions, enhancing the quality and reliability of technical deliverables.
- ▶ **Workflow Optimization:** Streamlined drafting and modeling processes, boosting team efficiency and productivity while ensuring project deadlines were consistently met.

Freelancer, Remote • Draftsperson

May 2022 - March 2024

- ▶ Produced accurate design drawings using **AutoCAD** and **Revit**, enhancing project efficiency and reducing errors.
- ▶ Utilized **SketchUp** and **V-Ray** for advanced **3D modeling** and photorealistic renderings, elevating visual design presentations.
- ▶ Collaborated with clients to understand requirements and deliver tailored design solutions, boosting client satisfaction.

- ▶ Conducted site surveys and documented existing conditions, ensuring precise documentation and minimizing design revisions.
- ▶ Coordinated with multidisciplinary teams remotely in Nepal, improving design integration and project outcomes through effective collaboration.

Shastika Architect and Construction., Nepal • Architectural CAD Designer

May 2021 - Dec. 2021

- ▶ Produced precise design drawings using **AutoCAD**, reducing errors and accelerating project timelines.
- ▶ Collaborated with **multidisciplinary** teams and coordinated with team members to enhance design integration, align engineering elements, and ensure projects were completed ahead of schedule.
- ▶ Conducted on-site field reviews, promptly addressing issues to minimize delays and improve project efficiency.
- ▶ Created detailed construction documents and blueprints using **AutoCAD** and **SketchUp**, ensuring clarity and accuracy.
- ▶ Designed **3D models** and **visualizations** with **Lumion**, enhancing client presentations and boosting project approval rates.
- ▶ Utilized **Revit** for **BIM (Building Information Modeling)**, streamlining workflows and improving project coordination.

Paper-Cloud Pvt. Ltd, Nepal • Architectural Designer

Dec. 2019 - Apr. 2021

- ▶ Developed detailed interior plans using **AutoCAD** and **SketchUp**, enhancing design accuracy and efficiency.
- ▶ Presented architectural models and **3D renderings** with **Lumion** and **Enscape**, boosting client satisfaction and approval rates.
- ▶ Conducted site surveys and documented existing conditions, ensuring precise documentation and minimizing design revisions.
- ▶ Created photorealistic renderings with **V-Ray**, elevating project visual representation and receiving positive client feedback.

Kiru Engineering Consultancy, Nepal • CAD Technician

March 2019 - Nov. 2019

- ▶ Produced and refined technical drawings in **AutoCAD**, minimizing errors and expediting project timelines.
- ▶ Collaborated with engineers, architects, and clients to create design plans aligned with project goals and requirements.
- ▶ Maintained effective client communication, reducing design revisions and ensuring consistent alignment with project needs.
- ▶ Ensured compliance with **zoning laws**, **fire regulations**, and **building codes**, adhering to industry standards.
- ▶ Developed **3D designs** to visually represent concepts, improving client understanding and increasing approval rates.

EDUCATION

Postgraduate Certificate in Construction Project Management | Fanshawe College, Canada | 2022

(Dean's Honor Roll)

Postgraduate Certificate in Operations Management | Fanshawe College, Canada | 2023

(Dean's Honor Roll)

Bachelor's in Architecture | Tribhuvan University, Nepal | 2019

CERTIFICATIONS AND VOLUNTEERING

BCIN certification for "Small Buildings" or "House"

Autodesk Revit 2023 – Advanced Level

(Online Course by Udemy)

Volunteer in London Food Bank | 2022 – Present |

London, Ontario