

# Kriti Shrestha

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An aspiring Urban Sustainability Innovator with a background in Architecture who aspires to establish a prosperous career in the field of Urban Sustainability. I am hoping to learn and gain more experience, as well as enhance my technical, design, and professional skillset. Adept at conducting research and technical analysis, statistical analysis, development planning, environment and disaster management, spatial planning and innovative sustainable development planning along with Urban Innovations to solve urban problems.

## Area of Expertise

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✓ Urban Sustainability Planning	✓ Highly organized	✓ Project Planning & Research
✓ Strategic Planning and Advice	✓ Survey and Analysis	✓ Initiative driven
✓ Building organizations and collaborative	✓ Extreme accountability and ownerships	✓ Analytical Thinking
✓ Reliability and punctuality in complying deliveries	✓ Time Management	✓ Innovative
✓ Critical thinking	✓ Self-motivated	✓ Flexible

## Education

### Asian Institute of Technology

**Pathum Thani, Thailand**

*Masters of Science, Urban Innovation Sustainability.*

*July 2023*

- Relevant Coursework: Climate Compatible Sustainable Infrastructure development. Disaster Risk Management & Governance, Urban Planning, Digital ICT innovation for built Environment, Smart Energy Buildings, Urban Resilience Assessment, Mega-city Development and Management, Spatial Analysis.

### Kathmandu Engineering College, Tribhuvan University

**Kathmandu, Nepal**

*Bachelors in Architecture Engineering.*

*June 2020*

- Relevant Coursework: Design Studio, Structure, Building Construction, Building Services, Landscape Architecture, Urban Design, Sustainable Design, Urban Planning, Conservation Studio, History of Architecture, Construction Management, Building Science, Interior Design, Drafting.

## Work Experience

### Freelance Architect (Remote)

*September 2021- Present*

- Worked as a remote architect and consultant with different architecture firms in Nepal, includes projects of hospitality, government offices, interior design, housing, commercial designs.

### Asian Institute of Technology, SERD

**Pathum Thani, Thailand**

*Research Assistant ( CAMI Project)*

*November 2022- February 2023*

- Enabled successful completion of project objectives through utilizing ArcGIS, DaLa and IPSS for data analytics; Achieved exceedance of research deadlines by supporting Research Coordinator in directing daily activities
- Collaborated with team members and stakeholders to assess project outcomes and prioritize tasks.
- Initiated efficiency improvements that increased reporting accuracy by 98%, eliminating discrepancies identified in client feedback.
- Conducted detailed spatial analysis on road infrastructure in Cambodia, identifying impact of climate change & associated losses

### Design Cube Pvt. Ltd.

**Kathmandu, Nepal**

*Architect*

*March 2020- September 2021*

- Directed refining of the company's entire portfolio to create up-to-date designs, completing 50 site surveys to ensure compliance.
- Produced CAD drawings for multiple M.O.E approved building sites, leading to successful regulatory sign offs in less than 3 weeks and conformation of quality standards both cost effectively & efficiently.
- Facilitated regular meetings with engineering consultants, maintaining an updated record of 25+ projects with a 93% delivery rate on assigned deadlines.

- Maintained client relationships and negotiated possible alternative process, budget, and engineering constraints solutions with stakeholders.

**Square Unit Pvt. Ltd.**

*Intern Architect*

**Kathmandu, Nepal**

*Feb 2019- Feb 2020*

- Collaborated with architecture and interiors department to strategize optimal layout components for 20+ commercial spaces, boosting customer satisfaction by 35%.
- Created over 50 drawings of complex design plans and sketches for highly acclaimed architectural projects with precision, boosting client satisfaction by 25%.
- Maximized collaboration & efficiency by designing 3D models with AutoCAD software, resulting in 10% improvement in project accuracy and precision.
- Refined conceptual designs into detailed plans by adding floor plans, elevations and section drawings.

**Architecture Sans Frontières Nepal**

*Intern Architect*

**Lalitpur, Nepal**

*August 2018- Jan 2019*

- Devised plans for 3 heritage conservation projects to preserve historically valuable buildings and monuments, attaining 25% cost optimizing compared to original designs.
- Coordinated with cross-functional teams to improve structure sustainability and design.
- Optimized workflow pivoting between 10 projects using critical thinking to ensure successful implementation alongside limited resources & tight deadlines.

**Skills**

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**Technical Skills:** Lumion 11, Autodesk AutoCAD, Sketchup Pro, Photoshop, Microsoft Office, Hand Modelling & Drafting, Green & Urban Design, Interior Design & Renovation, ArcGIS,

**Languages:** Nepali (native), English, Newari, Hindi, Thai( beginner).

**Additional information**

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**Achievements:** Registered Architect, Nepal Engineering Council Category "A", UNEP-AIT Policy Dialogue and Training on "Circular Economy: Policies and Practices on Sustainable Infrastructure; Dean list of excellent student for Kathmandu Engineering College 2020. Design winner: Conservation of the Historic Town of Kirtipur by Lumanti Support Group for Shelter 2020, Winner: All Nepal Architecture Students Design Competition ( college level ) by Asian Paints Nepal –Heroes of Future 2019-20, Winner : Architronics 1.0 Model Making Competition 2016, Design champion: Revitalization of the Urban Street of Newroad, Urban Design 2018, Design champion of the batch : B.Arch.2015-16; Winner: Wall Painting Competition hosted by The Environment Club of St. Mary's 2011/12 ; First runner up: Open Art Competition hosted by The Environment Club of St. Mary's 2012 /13; Recognition on Friendship Award for International Exchange Exhibition of Children's Art Hosted After Tsunami in Japan "Kazunari Koizumi" 2011; Winner all Nepal Art competition "My Country My Pride "National Level Art Competition Hosted By Pidilite Industries India 2010.

**Volunteering:** Secretary, Gender and Culture Committee Student Union August 2022, Active Member of Nepali Samaj, AIT (2021- Present) : Volunteering in different Programs hosted to represent Nepal, Active Member of Association of KEC Architecture (2015- 2020): Team Leader for Exhibitions & Trainings to juniors and other faculty members, Active member of Association of St. Mary's Alumnae Nepal – ASMAN (2018-present), Organized an Art competition with donation of Arts & Crafts Materials for Children of SOS Children's Village Nepal with Initiation of Dr. Sandhya Regmi, Jorpati, Kathmandu ( June,2015), Upgraded Library with initiating donations & Collection of Books & Stationary for students of Mary Ward School, Jawalakhel 2013.

**References**

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- Assistant Prof. Dr. Malay Kumar Pramanik, AIT
  - Asso. Prof. Moon Singh Dangol, Kathmandu Engineering College.
  - Ar. Utrist Raj Onta, Square Unit Pvt. Ltd.