

Amrit Shahi, EIT

Ph.D. Candidate, Expected Graduation Dec.2024

CONTACT

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amritshahi

EDUCATION

Ph.D. in Civil Engineering in Construction August 2022 - **Exp. Graduation December 2024**

University of Nevada, Las Vegas GPA **4.0/4.0**

• Coursework: Construction Estimating, Modular Construction, Construction Scheduling, Technology in Construction, Construction Enger Management.

Masters in Civil Engineering in Construction Management Nov 2015 - Nov 2017

Tribhuvan University, Nepal GPA **88.41/100**

• Coursework: Quality Management, Procurement and Contract Management, Project Finance, Water Resource Planning and Management., Transportation Economics, Transportation Planning

Bachelor's Degree in Civil Engineering Nov 2011 - Oct 2015

Tribhuvan University, Nepal GPA **73.54/100**

CERTIFICATIONS

Engineer-in-Training
(NCEES)

TECHNICAL SKILLS

Design
Estimation
Contract Management
Procurement
PPP
Project Management
Quality Management
Scheduling

PROFESSIONAL EXPERIENCE

University of Nevada, Las Vegas Aug 2022 – Present

Graduate Research Assistant

- Developed Modularization Business Case Analysis Tools for Capital Projects.
- Completed study on Barriers and Barrier Breakers for Implementing Modularization in Capital Projects.
- Conducted literature review, benchmarking analysis, case study, and surveys.
- Conducted research and published findings in peer-reviewed journals and conference proceedings.

Industrial District Management Limited, Nepal Jan 2017 - Jun 2022

Civil Engineer (Senior Officer)

- Led and supervised teams in planning, designing, and executing civil engineering projects.
- Developed detailed engineering designs, specifications, and cost estimates, ensuring compliance with standards.
- Managed project budgets, procurement, and contracts, consistently delivering on time and within budget.
- Conducted site inspections, enforcing quality control measures for safe and reliable infrastructure.
- Facilitated effective communication between stakeholders, government bodies, and contractors.
- Collaborated with experts for environmental and geological assessments, preparations, and implementation of EIA and other mitigation strategies.
- Prepared technical reports, feasibility studies, and documentation for approval and funding.

Units Engineering Consultancy Pvt. Ltd, Nepal Jan 2015 - Jan 2017

Design Engineer

SOFTWARE

AutoCAD
Civil 3D
MS Project
MS Office
Heavy Bid
Primavera P6
HEC- RAS

- Conducted hydrological analysis – Rain flow Analysis, Watershed Analysis, Flood Analysis
- Prepared detailed designs, drawings, cost estimation, site verifications, and reports of hydropower projects using AutoCAD and Civil 3D.
- Prepared bill verification of ongoing projects.