

Rohit Shah

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EDUCATION

San Francisco State University

Bachelor of Science in Civil Engineering (Minor in Mechanical Engineering)

San Francisco, CA

Jan 2021 - May 2026

Tri Juddha Mahabir Prasad Raghuvir Ram Higher Secondary School

High School Diploma in Civil Engineering

Birgunj, Nepal

Aug. 2016 – Dec. 2020

TECHNICAL SKILLS

Softwares: AutoCAD, Autodesk Revit, ETABS, Lumion, Microsoft Office, Adobe Photoshop, Adobe AfterEffect

Skills: Contract management, Site execution, Construction management, Estimating Costing, Surveying.

Equipment: Dumpy Level, Theodolite, Total Station, Alidade, Mini Drafter.

Classworks: Engineering Surveying, Estimating Costing and Supervision, Water Resources and Irrigation, Highway Engineering, Geo-technical Engineering, Road Construction, Highway Engineering, Structural Analysis, Maintenance and Rehabilitation of Structures.

EXPERIENCE IN CIVIL ENGINEERING

Sub Engineer Internship

Hi Tech Civil Design Consultancy

June 2020 – July 2021

Birganj, Nārāyanī, Nepal

- Led the analysis and interpretation of survey, geological, and topographical data to devise plans for multiple infrastructure projects, driving advancements in civil design and project conceptualization.
- Enhanced road safety and efficiency through meticulous traffic studies and accident data analysis, informing the development of impactful traffic management solutions.
- Elevated project safety standards by 10% through rigorous identification and rectification of structural vulnerabilities, while overseeing municipal modernization initiatives and surveying operations.

EXPERIENCE

IT Technician

San Francisco State University

November 2023 – Present

San Francisco, CA, US

- Managed the procurement, deployment, and inventory of devices across the organization.
- Experienced in printer and peripheral support, hardware and software maintenance, inventory management, user training, remote support, vendor coordination, and security compliance in IT.

Audio Visual Technician

San Francisco State University

April 2022 – November 2023

San Francisco, CA, US

- Orchestrated the setup and troubleshooting of audiovisual equipment for over 70 university events, maintaining a 100% on-time setup record.
- Implemented safety protocols that reduced equipment faults by 25%, enhancing event safety and performance reliability. Managed multimedia installations for high-profile events, including coordination of audio, visual, and lighting systems

PROJECTS IN CIVIL ENGINEERING

Kalash Cattle Farm (Foundation and Steel work)

Feb 2021 – July 2021

- Created and updated civil design drawings; primarily Storm-water and Erosion Control designs; as well as prepared project layouts and plans using AutoCAD. Estimated the materials to be used in the foundation work.
- Provided technical on-site inspection of the progress and quality of the civil construction work performed.

3D Modelling | AutoCAD, Revit, Lumion

May 2021 – June 2021

- Conducted comprehensive surveys and translated measurements into detailed AutoCAD drawings and Autodesk Revit for precise 3D modeling of school renovations.
- Plotted the measurements in AutoCAD and completed the 3D part in Autodesk Revit.

Supervisor at a Residential Building

May 2018 – July 2018

- Surveyed and levelled the property with Dumpy Level. Drafted master plan for the building.
- Performed preliminary layouts, and design work from blueprints and survey data.
- Estimated materials for foundation and other concrete work and brickwork.
- Supervised the construction work of the building. And reviewed the works done by contractor.