

Saugat Adhikari

Software Engineer

Contact

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Github

<https://github.com/saugatnp>

Portfolio

<https://adhikarisaugat.com.np>

Technical Skills

Angular 21

NgRx

Angular Signals

RxJS

TypeScript

Go

JavaScript

CSS

GIT

AWS S3

Redis

REST APIs

MSSQL

Rollup

Interests

Sketching

Graphic Designing

Reading Books

Software Engineer and Angular Developer with strong experience delivering modern, scalable web applications for product teams. Currently building HR automation workflows for an Australian client through a Nepal-based technology vendor, using Angular 21, NgRx, and Signals on the frontend, while expanding into backend services with Go, Redis, and AWS S3 integrations. Proven track record of implementing complex feature sets, improving legacy modules, and translating business workflow requirements into reliable, maintainable software.

Work History

2026-01 - Current

Software Engineer

Tekkon Technologies, Kathmandu

- Build and enhance an HR automation platform where users configure workflow steps, validations, and decision criteria through a visual canvas.
- Deliver features using Angular 21 with a modern Signals-based approach and NgRx state management for scalable frontend architecture.
- Fix legacy defects and improve overall platform stability, maintainability, and release quality.
- Contribute to Go backend integrations, including Redis and AWS S3-backed modules for workflow execution and data handling.

2025-02 - 2026-01

Software Engineer

ING Tech (ING Group), Kathmandu

- Developed a reusable Nepali BS Date Picker package using TypeScript and Rollup, integrated across multiple frontend applications.
- Contributed to internal reusable UI/component packages to standardize implementation across projects.
- Built and enhanced multi-tenant modules for attendance and enrollment workflows, including bug fixes and feature delivery.
- Collaborated with cross-functional teams to deliver production-ready releases under tight timelines.

2021-12 - 2025-01

Software Engineer

Mediprocomputers, Kathmandu

- Built dynamic and conditional form systems using Angular Reactive Forms with custom validators for clinical and operational workflows.
- Implemented lazy loading and modular frontend architecture to improve load times and maintainability.
- Integrated secure authentication and role-based authorization with route guards and permission checks.
- Worked closely with API and database teams to deliver reliable modules for large-scale hospital management operations.

Languages

Nepali

English

Hindi

Involved Projects

HR Workflow Automation Platform

Project under tekkon technologies for a foreign client

Built and maintained a workflow automation platform where HR teams define process flows on a visual canvas, configure validation rules, and manage approval criteria. Contributed across Angular frontend modules and backend integration points to support reliable production usage.

AttendEase

Student Management Product

Developed features for a multi-tenant student attendance and reporting platform, including configurable reports, tenant-specific module behavior, and localized date handling with BS calendar support.

eMedipro (Hospital Management System)

Healthcare Product Platform

Contributed to core modules of a hospital management system, including billing, accounts, pharmacy, inventory, and lab workflows with strong API integration and role-based access support.

Education

2018-12 - 2023-09

Bachelor of Science in Computer Science and Information Technology (Bsc.CSIT)

Ambition College - Kathmandu