Sandesh Maharjan
Software Engineer

Profile

I'm a student based in Kathmandu, Nepal. I have been loving technology field since my childhood and looking forward to pursuing my career in software development field. Currently I am studying BSc. Computer (Hons). I look forward to delivering the quality work with high standards within time frame. I am a quick learning individual with basic knowledge of programming concepts. I have gained some collaborative skills from some of the team projects, and I can be a team player as well if needed.

Education

BSc (Hons) Computer Science
Herald College Kathmandu
Affiliated: University of Wolverhampton
2019 – Present (Final year)

Work Experience

Software Engineer Intern
Hitachi Energy
Colorado, US
March 2022 – August 2022

Software Engineer
Hitachi Energy
Colorado, US
September 2022 – Present

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Kathmandu, Nepal

Programming Languages

JavaScript, Java, Python, PHP

Tools and Technology

Frontend: HTML, CSS, JS, Bootstrap, DHTMLX
Backend: Django, Laravel
Mobile: Android, Kotlin
Database: MySQL, MS SQL, T-SQL
Game: Unity (C#)

Languages

Nepali (Native)
English (Fluent)

Socials

LinkedIn: @sandesh-maharjan
GitHub: @mhrzsandesh

Projects

ETRM Software

Working Project

ETRM is a software for energy trade risk management. It is very advanced software with many features from reporting modules to complex calculations and predictions. It is built using ADIHA framework built on top of DHTMLX with all the server-side scripting done in SQL server.

Technologies: PHP, JavaScript, DHTMLX, MS SQL, T-SQL, C#

Personalized Food Recommendation System

Academic Project

Research on similar systems for the purpose of implementing recommendation of food items based on users' preference as well as history. Agile methodology along with proper documentation (i.e., use case diagram, class diagram, DFD, SRS, user manual) is being followed to design and develop the mobile application.

Technologies: Kotlin, Django, Python

Hotel Management System

Academic Project

Created a simple hotel management web application allowing the users to make the reservations and hotel to manage the reservation using Agile methodology and with proper documentation.

Technologies: PHP, Laravel

Course Management System

Academic Project

A GUI desktop application was developed with required UML diagrams, which allows the college to manage their courses, and keep track of students' progress.

Technologies: Java, MySQL