Dinank Bista

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Summary

Build MVS(Managed Vaccine Software), an online portal that is being used by the city of Seattleto provide COVID vaccines. 411 thousand vaccines provided till date. https://www.signetic.com/

Worked with Microsoft Seattle to design an ETL for transferring School Information System(SIS) data of high schools into the database of Microsoft.

Designed the data architecture for transfer of millions of data from legacy Client Track system to the Microsoft Dynamics software solution for Hopelink. https://www.hopelink.org/

Published a journal paper in the International Journal of Social Science(IJASS)

Experience

University of Florida   Gainesville, USA
Graduate Research Assistant at the Init Lab

Currently involved in two funded projects MyTrack and SatC

Fuse Machines Inc   New York / Kathmandu
Service oriented software company building world class solutions

Software Engineer Level 2   September,2021 – Present

Architecture and Backend Design Using AWS Amplify, AWS lambda resolvers and Dynamo DB.

Leapfrog Technologies Inc   Seattle / Kathmandu
Service oriented software company building world class solutions

Software Engineer   July,2020 – September 2021

Improved the entire code base. Legacy frontend code improvements using redux, redux saga, hooks, HOC patterns, styled components

Architecture and ETL flow development. Data oriented development using MS-SQL, system flows and processes.

Data staging and migration in Node JS

C# Developer(Middleware design/ Plugins) and Vanilla JS Developer(Webresources)

Associate Software Engineer   September,2019 – July,2020

Designed Multiple Pages in ReactJS
Api endpoints using NodeJS
C# Developer(Middleware design/ Plugins)
Vanilla JS Developer(Webresources)

Intern   July,2019 – September,2019

HTML/CSS, Vanilla JS, React JS, Node JS, Polymer JS, Algorithms implementation(Goal based path finding algorithm)

Sagarmatha Engineering College   Kathmandu,Nepal
Computer Science Information Technology College in Nepal

Programming Skill Development Instructor   February 2020 — May 2020

Education

Ph.D. in Human Centered Computing/ MS in CS , Gainesville, Florida
Ongoing program at the University of Florida

Bachelors of Computer Engineering , Kathmandu, 2015-2019
A four year bachelors program on computer engineering

Kathmandu University, BCE, Computer, 2015 - 2019

Science Degree (Grade 11-12) , Kathmandu, 2013-2015
A two year high school science degree
82.2 percent out of 100
Top 2% across entire college

Prasadi Academy, HSEB, Science, 2013 - 2015

Research

International Journal of Advanced Social Science : Social Networking Application Adaptability to Fitts' Law

Additional

Worked at a research assistant for two months at the IT Park of Nepal on the project "Grammar
    Checker for Devanagari(Nepali language)"
Received $2000 from Employees Provident Fund (EPF Nepal) for excellent grades at secondary level.
Received financial assistance from the Government of Nepal during bachelors.
Hackathon Event Manager - IT Meet v8.0
Documentation Lead - IT Meet v8.0

Dinank Bista

Unofficial Transcript

Fall 2022 ⌃

University of Florida

College
Herbert Wertheim College of Engineering

Level
Graduate

Term GPA	Hours Carried	Hours Earned	Grade Points Earned
3.66	6.00	9.00	21.99

Course (Class)	Course Title	Grade	Credit Attempted	Credit Earned	Credit for GPA
CEN5728 (24898)	Ux Design	A	3.00	3.00	3
CIS6935 (22939)	HCC Graduate Seminar	S	1.00	1.00	--
CIS7979 (11306)	Advanced Research	S	2.00	2.00	--
COT5405 (12445)	Analys of Algorithms	B+	3.00	3.00	3