

DULMINI GURUGE

Software Engineer

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SUMMARY

I am a recent graduate in computer science, with two years of experience in the industry developing web applications and managing databases. I am passionate about writing clear, optimized, documented, and thoroughly tested code.

EXPERIENCE

Web Developer

Rainbow Roofing & Renovations

📅 01/2023 - 04/2023 📍 Saskatoon

- Created a new responsive website for Rainbow Roofing & Renovations using Squarespace to increase user engagement.
- Enhanced the website loading speed by optimizing the code, images and enabling caching strategies.
- Improved the website by SEO optimization and updating its content to increase the website traffic.

Associate Software Engineer

Bellvantage (Pvt.)Ltd

📅 10/2018 - 04/2019 📍 Colombo, Sri Lanka

- Contributed to developing and maintaining SANASA Insurance web application, which has a 300,000+ client base in Sri Lanka.
- Created SQL stored procedures for calculations needed for life covers of the insurance company.
- Designed and developed the supplier portal, which efficiently manages the database of over 1000 suppliers on an online bidding platform using Asp.net MVC.
- Contributed to developing a web app for over 200 government maintenance engineers in Sri Lanka, which helps purchase construction equipment by viewing the available equipment from the registered companies.

Software Engineering Intern

Lanka Solution (Pvt.) Ltd

📅 08/2016 - 08/2017 📍 Colombo, Sri Lanka

- Developed a web-based HR application using dynamically updating bio-metric readers' clock in/out data to increase the decision-making efficiency of the company management. Used HTML, CSS, JavaScript, **Azure** and Asp.net for development.
- Worked in a team of three to develop and maintain an administrative application for a wood processing chain of companies with super admins and dashboards for up to 11 different user roles.
- Above application produces summary reports with graphs and was used by more than 200 workers, resulting in 300% time savings due to automated calculations.
- Contributed to a team of four to design and develop an Android app which uses phone sensors to create attractive features to promote textile products. Developed using Eclipse and Android Studio.

EDUCATION

Bachelor of Science Four-Year in Computer Science

University of Saskatchewan

📅 2020 - 2023 📍 Saskatoon, Canada

- With Distinction

Bachelor of Engineering in Software Engineering

University of Westminster

📅 2014 - 2018 📍 London, UK

- with Upper Second-Class Honours

CERTIFICATION

Advanced React

Offered by Meta on December 2023

Introduction to Back-End Development

Offered by Meta on October 2023

SKILLS

Client-Side

HTML	CSS	Bootstrap	React
Javascript	Jest	pyqt5	Json

Server-side

Django	Asp.net	Nodejs	
AWS	Azure	Python	Java
SQL	MySql	Nodejs	
CouchDB			

Development & Operations

Git	Linux	Docker	Figma
Jira			

RECENT PROJECTS

My Portfolio Website

📅 11/2023 - 01/2024

🔗 dguruge.com

- Check out my portfolio website at **dguruge.com**. It includes links and details about my projects, and is fully responsive.
 - Used **HTML**, **CSS**, **Bootstrap**, Open Graph protocol and **JavaScript** for development.
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Little Lemon frontend

📅 11/2023 - Present

- Created a frontend for a Mediterranean restaurant using **React.js**, **HTML**, **CSS** and **JavaScript** to display menu items and to display details about the dishes.
 - Used wireframes, prototypes, journey maps and personas using **Figma** to come up with a better UI and UX design.
 - Used **Formik**, **Material UI** and **Yup** to make reservations for the restaurants using forms in the booking page.
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Little Lemon backend

📅 12/2023 - Present

- Created an **Asp.net Web API** for the Little Lemon website to store reservations made through the reservation form and deployed it to **Azure Web Services**.
 - Created a **Django** web app with **MySQL** database, enabling restaurant owners to update menu details in real-time.
 - Currently, I'm developing another API using **serialization**, **pagination**, **caching** and **token-based authorization** to scale the API to handle large datasets.
 - I'm using **Django REST Framework** and handling the error messages with specific HTTP status codes.
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Automate Daily Emails in Python

📅 10/2023 - 11/2023

This PyQt5-based desktop app automates daily emails to selected users with weather reports and Google Calendar events

- The app uses Python and is customizable with options for recipients, time, and content.
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Restful API that interacts with Hyper-ledger Smart Contract

📅 11/2022 - 02/2023

Created to evaluate the load balancing capabilities of the open-source Hyperledger blockchain Smart Contract.

- Created a **Docker** containerized environment for Hyper-ledger Fabric network images.
 - Used **Node.js** using the **express server** to create the REST API, which connects with the up-and-running smart contract deployed to the test network.
 - Created a shell script containing all the commands needed to make the network up and running with the created REST API.
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Game Development using Rust

📅 10/2022 - 02/2023

Developed a Robot shooting game with the use of threads and sockets for the Advanced SWE course at the U of S.

- Developed the Game Board using a 2D array as a hexagonal grid.
- Used Depth First Search to find the closest robot and used the Dijkstra algorithm to find the shortest path using RUST.
- Created unit testing for the testing of the application.