SIMUL BISTA (M6H 1E9) Toronto, ON   +1 (647)-509-4502   simulbista@gmail.com

https://github.com/simulbista   https://simul-portfolio.vercel.app/

EDUCATION

Postgraduate Certificate, IT Solutions   **Jan 2022- Aug 2023 (Expected Graduation)**
Humber College, Toronto ON
- Recipient of Dean's Honors List – every semester

Bachelor's Degree in Computer Science & IT   **Oct 2011- Feb 2016**
St. Xavier's College, Nepal
- Secured second position in final semester class ranking.

SKILLS

- Back-end technologies: Java, Spring Boot, Spring MVC, REST API, Spring Data JPA, Spring JMS, Thymeleaf, J2EE, JAVA Servlets, JDBC, Node.js, Express.js
- Front-end technologies: React.js, Angular.js, Redux, HTML, CSS, Tailwind.css, Material UI
- Database technologies: Oracle PL/SQL, MySQL, MongoDB, H2 Database Engine
- Others: Vercel, GIT, Maven, Postman, Thunder Client, XML, JSON, Lombok, Eclipse, Visual Studio Code, Linux, Android App Development

EXPERIENCE

Team Lead, Full Stack Developer   **May 2023 - Present**
Holland Bloorview Kids Rehab – Bloorview Research Institute, Toronto, ON

- Led a team of 3 developers in designing a robust web application utilizing React.js, Node.js, and MongoDB, incorporating essential features such as surveys, dashboards, and user authentication, enabling accurate measurement of patient progress over time.

Innovation Business Partner, NLAB   **Mar 2021 - Jan 2022**
Technical Support Assistant, NLAB   **Nov 2020 - Feb 2021**
IT (Assistant, Support & Trainee), ICT   **Oct 2018 - Oct 2020**
World Vision International

- Designed and scaled 3 innovative solutions - blockchain based digital transaction platform, interactive gamified mobile application, and e-commerce platform by liaising with global teams, external partners, and consultants for disaster risk reduction, cash programs and improved book access to the community.
- Designed, developed, and managed the organization's intranet that led to a substantial increase in staff engagement and productivity from previously low levels.
- Accomplished data-driven decision-making for the organization's business processes by designing and developing 4 PowerBI dashboards.
- Provided timely, proactive, and efficient IT services (support, orientation & training) to about 300 staff improving the rating of the department and the business process in general.

OTHER INVOLVEMENTS
- Volunteer Frontend Developer at **'The DG Sentinel'**   **Apr 2023 - Current**
- Humber College's Employee Engagement Event Organizer (event portal design)   **Mar 2023**
- Volunteer Computer Lecturer at **St. Paul Edu. Center**, Nepal   **July 2016 – Feb 2020**

Pet Mgmt App - PawfectPal
- Spring MVC, Tomcat server, H2 db, Spring JPA, Lombok, command line runner, thymeleaf (form binding, fragments, conditionals), and bootstrap.
- A JAVA Spring boot pet management application that allows the user to manage pet information (CRUD).

Book-Library-XML-REST-API
- Java Spring Boot, Spring Data JPA, XML, REST APIs, Maven, Spring Dev Tools, Jackson, Jaxb, H2 in-memory database, Lombok, Postman
- XML REST API Spring Boot Application that provides different API endpoints to manage books in H2 in memory database.

E-commerce platform – Petal Express
- An e-commerce platform that specializes in delivery of different types of flowers to its customers.
- REACT.js, Angular.js, Node.js, Express.js, MongoDB, jwt

Restaurant App
- Java Spring Boot, Spring Data JPA, REST APIs, Maven, Spring Dev Tools, H2 in-memory database, Lombok, Postman, Thymeleaf, Bootstrap
- A restaurant web application that performs CRUD operations on different restaurant entities.

Friend's Info Management App
- Java Enterprise Edition, MVC Framework, MYSQL Database
- Web app to create, delete, update and view friend's information.

User Management App
- JAVA, JDBC, SQL
- Customer record, product, and staff management apps that read-write to text/binary files.

Restaurant App
- Node.js, Express.js, Mongoose, MongoDB Atlas, Thunder Client
- Fetch and filter restaurant records from MongoDB and display them.

Ontario RRSP & Tax Calculation Mobile App
- JAVA, XML
- Calculate RRSP & TAX info for the year 2022 with data validation.

Android Cooking App
- JAVA (intent, shared preferences), XML, JSON
- A cooking mobile app with recipe info, account mgmt., filter & recommendation features.