**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, Spring Data JPA, Spring JMS, J2EE, JAVA Servlets, JDBC, Node.js, Express.js
- Front-end technologies: React.js, Angular.js, Redux, Thymeleaf, HTML, CSS, Tailwind.css, Material UI
- Database technologies: Oracle PL/SQL, MySQL, MongoDB, H2 Database
- Others: AWS Certified Cloud Practitioner (on going), Vercel, GIT, Maven, Postman, Thunder Client , XML, JSON, Lombok, Eclipse, Visual Studio Code, Linux, Android App Development

## EXPERIENCE

**Team Lead, Full Stack Developer, NLAB**     **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**

**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.