

# Sanduni Senarath

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## TECHNICAL SKILLS

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**Languages:** Node.js, JavaScript, Java

**Frameworks:** ReactJS, ExpressJS, Mongoose

**Databases:** MongoDB

**Developer Tools:** HTML/CSS, Git, GitHub, VS Code, Netbeans, Chrome DevTools, Linux (Ubuntu)

## PROJECTS

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- Restaurant Management Web App** | Node.js, MongoDB, ExpressJS, Mongoose December 2022 – Present
- Developed management system using Node.js that can process orders, track order history and stores product details to fulfill business need of family restaurant.
  - Configured MongoDB database and integrated with webpages to update, insert and retrieve store products / order data using queries.
  - Built HTML templates using EJS in order to gain the ability to insert data into the webpage at the client side.
  - Utilized Git and Github a version control while collaborating in a team of two.
  - GitHub Repository: <https://github.com/HSenarath/luneil-cafe-demo>
  - Live Site: <https://luneil-cafe-demo.up.railway.app/>
- Portfolio Website** | HTML/CSS, JavaScript, React December 2022 – Present
- Developed a portfolio website for personal projects that utilizes reusable components made using ReactJ to allow for easy website updates.
  - Practiced utilizing basic Linux commands to make commits, push to Github, and manipulate files and programs.
  - Live Site: <https://ssenarath.github.io/portfolio-website>
  - GitHub Repository: <https://github.com/SSenarath/portfolio-website>
- Calculator** | HTML/CSS, JavaScript Dec 2022
- Created an onscreen calculator that can evaluate basic math operators (add, subtract, multiple, etc.).
  - Live Site: <https://ssenarath.github.io/calculator>
  - GitHub Repository: <https://github.com/SSenarath/calculator>

## EXPERIENCE

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- Assistant Project Manager** May 2020 – May 2022  
*Bluescape Construction Management* Toronto, ON
- Developed tracking software through MS Excel to monitor construction progress to ensure project was completed on schedule, within the budget and met customer needs.
  - Created a roadmap for solving deficiencies prior to the delivery of the suites to client which resulted in deficiencies being reduced by 80% in a span of 5 months.
  - Lead the triage of ongoing issues with customer experience team to effectively prioritize and complete urgent tasks in a timely manner.
  - Presented status performance updates to client through bi-weekly standup meetings in which cost and schedule updates were discussed as well as potential risks and mitigation plans which prioritized the client needs for the project.
- Assistant Designer, Airside and Infrastructure Engineering** Jan 2020 - April 2020  
*Greater Toronto Airports Authority* Mississauga, ON
- Successfully learnt MicroStation using pre-existing drafting experience in AutoCAD to create clear and concise construction / traffic control plans for ongoing construction at Toronto Pearson International Airport.
- Water Distribution Co-op Student** January 2017 – April 2017  
*Region of Halton* Oakville, ON
- Worked alongside water meter operators to build a user-friendly MS Excel tool to calculate water flow in residential homes; used constructive criticism and ideas from supervisors and managers to improve tool.

## EDUCATION

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- University of Waterloo** Waterloo, ON  
*BASc in Engineering (Co-operative Program)* Sept. 2014 – April 2020  
Degree Honours: with Distinction