

Davi Leonardi Mathey

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Education

Seneca College Toronto, Canada.

Graduated on April, 2022

Computer Programming Diploma

• **Courses:** OOP in C++ and Java, Web Development, Algorithms, Databases, Project Management.

Skills

Programming Languages: C# | Javascript | HTML5 | CSS | Python | C++.

Technologies: .NET | ASP.NET Core | Postgresql | Azure | Railway | Flask | Bash | Git | Bootstrap | JQuery.

Projects

Portfolio Website <https://davileonardi.com>

C# | ASP.NET Razor | SendGrid | Animate.css | Bootstrap | Railway

- A SPA (Single Page App) personal website built from scratch and deployed on Azure.
- Implemented an email sender service with SendGrid. Input validated with JQuery-validation.

Inventory Management System

C# | ASP.NET MVC | Entity Framework Core | MS Identity | SQLServer | Azure

- A web IMS with authentication system implemented with MS Identity.
- Deployed with Azure and SQLServer. The app was developed on top of MVC architecture.

Bug Tracker

Python | Flask | SQLAlchemy | Postgresql | Socket.io | Railway

- A dynamic web bug tracker with authentication and real-time chat implemented with socketio.
- Originally deployed on Heroku and later migrated to Railway. Frontend with Bootstrap and pure css.

Web Wildlife Walk

Javascript | OpenStreetMap | Leaflet | INaturalist | Github Pages

- Filters species data from the INaturalist platform and displays it geographically.

Assembly Line & Hospital Triage Console Apps

C++

- The Assembly Line consists of a set of workstations each of which holds a set of stock items, specific to the station. A Line manager mover customer orders along the line filling the orders at each station.
- The Hospital Triage lets the patients know what is the expected wait time and when they can be admitted to prevent lineups.

Idioms

English (fluent) | Portuguese (native)