

# DAN BLAIS

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Github Page | LinkedIn Profile | Portfolio

## EDUCATION & TRAINING

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**Diploma Computer Programming**, Algonquin College, Ottawa ON

**2023 - 2024**

- Dean's List, GPA 3.95 / 4.0
- Selected Coursework: Object Oriented Programming, Database and Database Management Software, Networking and Network Programming, Web Programming, Enterprise Application Programming, Technical Writing and Communication, Advanced Database Techniques.

**BA Honors Health Psychology**, Carleton University, Ottawa ON

**2016 - 2020**

- Graduated with Distinction (CGPA 10.4 / 12.0), Dean's List

## PROGRAM RELATED QUALIFICATIONS

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**Programming Languages and Frameworks:** HTML, CSS, PHP, Python, Java, Javascript, Typescript, NodeJS, ReactJS, JQuery, JSX, Bootstrap

**Database Systems:** Postgres, MySQL, MS SQL Server, OracleDB, MongoDB

**Database Software:** PgAdmin 4, MySQL Workbench, Oracle SQL Developer, MS SQL Management Studio 2017

**Operating Systems:** Windows 7 - 11, Linux – Arch, Linux – Ubuntu

**Cloud-Based Systems:** AWS, Google Cloud, Vercel

**Software Tools:** Eclipse, IntelliJ Idea, VSCode, Git, Maven, Gradle, Postman, Microsoft Office

- Designed, developed, and implemented a RESTful API using Jakarta-EE and Springboot.
- Engineered and implemented several web Applications with persistence support provided through JDBC.
- Developed a feature-rich CSV parser and editor written in Python, using Tkinter.
- Demonstrated expertise in technical communication within an AGILE development environment.
- Tested and maintained several applications using unit testing to identify and fix bugs.

## Relevant Experience

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**Freelance Web Developer**

**2024 - Present**

- Built ReactJS and Typescript web applications and accompanying APIs for clients in need of websites or business management solutions.
- Implemented applications consistent with the design ideas and functional and non-functional requirements of clients.
- Designed applications with responsivity, accessibility, and security as a focus.
- Tested, debugged and enhanced applications throughout all cycles of development, ensuring quality and stability.

## CatchDupe Zoho Extension – Yutechs LLC

2024

- Designed and developed a NodeJS extension and API for the client, Yutechs LLC, providing a robust search functionality allowing the identification of duplicate customer records.
- Integrated extension with the customer's Zoho CRM databases using API keys provided by Zoho.
- Engineered a search algorithm which converts an unlimited number of search parameters into a boolean expression and evaluates it to return search results, allowing identification of duplicate data based on a range of criteria.
- Analyzed, and tested code; debugged problematic code to ensure optimal performance and stability.
- Worked alongside other developers in an AGILE environment to deliver the product to the client.

## ADDITIONAL QUALIFICATIONS

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- Excellent communication skills both verbal and written. Works effectively in collaborative settings.
- Strong leader, able to manage and motivate team members to accomplish tasks in a timely manner.
- Careful attention to detail; ensuring work is completed in a timely manner.
- Reputation for reliability, punctuality, and professionalism. Highly motivated and determined.
- Highly dedicated to implementing projects with a high level of functionality, stability, and completedness.

## PERSONAL PROJECTS

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### Mock Shopping Website

2024

- Developed a mock shopping website using HTML, CSS, JavaScript, PHP, and MySQL.
- Integrated a user account system, a fully functional shopping cart system, and a product search system, while adhering to responsive design and accessibility principals.
- Analyzed, and tested code; debugged problematic code to ensure optimal performance.

## EMPLOYMENT

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### Sales Associate, The WoodSource, Ottawa ON

2021 - 2022

- Actioned orders from in-store customers, phone-ins, Shopify, and email inquiries. Ensured that customers received their orders promptly, with quality service.
- Performed various administration tasks including: the creation of Excel spreadsheets to track prices and inventory, managing and notifying customers when their orders were complete, and maintaining a daily list of delivery orders; providing support to all areas of the business.
- Collaborated with employees from different departments to ensure that orders were built with speed and precision, ensuring customer satisfaction.
- Facilitated high value sales, including a sale worth over \$98 000 CAD, providing sizable profits for the business.

## REFERENCES

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**Sanjay Gupta, Developer, Yutechs LLC , Folsom CA - USA**

- Email: [projectsguru@yutechs.com](mailto:projectsguru@yutechs.com)

**Sazzad Hossain, Professor, Algonquin College , Ottawa ON**

- Email: [hossais2@algonquincollege.com](mailto:hossais2@algonquincollege.com)

**Nic Vowles, Retail Manager, The WoodSource, Ottawa ON**

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