

# Damyn Michael Filipuzzi

## Full Stack Developer

Calgary AB, Canada.

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## Technical Skills

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PHP, Javascript, Typescript, React, Python, Java, Laravel, Next.JS, PostgreSQL, MySQL, HTML, CSS, Docker, Git, JQuery, AJAX, C#, Tailwind, Bootstrap, R, AWS, CI/CD Pipelines, Trello

## Education

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Bachelor of Science with a Major in Computer Science from the University of British Columbia, Graduated November 2022

## Experience

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### Curriculum MAP | Office of the Provost and Vice-President Academic | The University of British Columbia, Okanagan Campus | May 2021 – August 2022

Repository: <https://github.com/bohuie/curriculum/tree/master>

Website: <https://curriculum.ok.ubc.ca/>

Laravel PHP Javascript MySQL JQuery HTML CSS Bootstrap

- Curriculum MAP was created to help align course instructors with program coordinators at the University of British Columbia. The web application has over 200 users with a 99.9% uptime.
- Responsibilities included full-stack development, database administration, data security, vulnerability management, fixing bugs, and optimization of loading processes
- The project is built on Laravel framework with PHP backend, requiring Javascript, HTML, and CSS for the front-end, and Bootstrap for UI components
- Developed dynamic and filterable reporting metrics such as graphs, and tables for clear and concise information presentation. As well as optimizing metrics loading using AJAX fetch requests to improve page load times.
- I was also responsible for fixing and improving site vulnerability and security, such as Cross-site scripting and SQL injection.

### Steam Deals | \*Work In Progress\* | April 2024 - Current

Repositories: <https://github.com/DamynFilipuzzi/steam-deals>, <https://github.com/DamynFilipuzzi/scrapper-py>

Website: <https://www.steamdeals.ca/>

Next.js React.js Python Javascript PostgreSQL AWS-EC2 AWS-RDS HTML CSS Tailwind Prisma tRPC

- Steam Deals aims to help gamers when choosing the best time to purchase a game. The site shows users a historical record of all 104,000+ games that Steam sells.
- Containerized Python scripts run with Cron scheduling to pull price changes, new game listings, reviews, and game descriptions. Hosted on AWS EC2.
- Hosted on the Vercel platform, written in Next.js for the backend, and React.js for the front-end library. Implemented with tRPC and Prisma for ORM.

### Hot Desking | COSC 499: Capstone | May 2022 - August 2022

Repository: <https://github.com/UBCO-COSC-499-Summer-2022/hot-desking-deploy>

Laravel PHP PHPUnit Javascript PostgreSQL JQuery HTML CSS Bootstrap

- Hot Desking was developed as a combined capstone project by two student groups to facilitate desk finding and reservation for students, faculty, and staff at the University of British Columbia.
- Took a leadership role on the admin side, while overseeing the user side team. Built the base for both teams to build on and containerized the project with Docker.
- Developed the CI/CD pipeline using GitHub Actions and Drone CI for automated deployment and testing.
- Ensured thorough code testing practices and reviews before code integration, achieving a code coverage rate of 76% and additionally, implemented usability testing to ensure a user-centred interaction design approach.
- Responsible for integrating admin and user sides, enforcing standardized database schema and technical stack for both teams to adhere to.

## Portfolio | November 2023 - January 2024

Repositories: <https://github.com/DamynFilipuzzi/portfolio-react>

Website: <https://damyn.me/>

React.js Javascript AWS-S3 HTML CSS Tailwind

- Created a project to showcase work while adhering to web standards and SEO practices
- Used project to enhance proficiency in ReactJS and gain expertise in AWS S3
- Dynamic rendering managed client-side with JavaScript

## Recent Employment History

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### Quality Assurance Manager

#### Way2Grow Biopharma | Oct 2022 - Present

- Provided technical, CRM and website support.
- Conduct Data Entry, Prepared Health Canada reporting and provided real-time operating analytics.
- Management of employees and day-to-day facility operations.

### Full-Stack Web Developer

#### UBC Okanagan | May. 2021 - Aug 2022

- Managed a full-stack web project.
- Database administration, Data security & vulnerability management.

### Research Assistant

#### UBC Okanagan | Jan. 2020 - Mar 2020

- 3D Design & development.
- Consulting and feedback-driven prototyping.