Damyn Filipuzzi

Calgary, AB, Canada.

Damyn.me | DamynFilipuzzi@gmail.com | linkedin.com/in/damyn-filipuzzi | github.com/DamynFilipuzzi

Education

University of British Columbia — Kelowna, BC
Bachelor of Science in Computer Science — *Sept. 2018 – Nov 2022*

Experience

Quality Assurance Manager — Oct. 2022 – Present
Way2Grow Biopharma — *Osoyoos, BC*
- Provided technical, website, and customer relationship support.
- Conduct Data Entry, Prepared Health Canada reporting statements and provided real-time operating analytics.
- Management of facility employees and day-to-day operations.

Full Stack Developer — May. 2021 – Aug. 2022
University of British Columbia — *Kelowna, BC*
- Developed a full-stack web application using Laravel, PHP, MySQL, JavaScript, HTML, CSS and Bootstrap
- Responsible for maintaining and managing site vulnerabilities and improving security
- Developed dynamic and filterable reporting metrics, such as graphs and tables, for clear and concise information presentation. Optimized metrics loading using AJAX to enhance page load times.
- Responsible for creating and updating documentation

Undergraduate Research Assistant — Jan. 2020 – Mar. 2020
University of British Columbia — *Kelowna, BC*
- Developed 3D models and prototypes specifically optimized for FDM printers.
- Consulting and feedback-driven prototyping.

Projects

Steam Deals | *Next.js, React, Typescript, PostgreSQL, Python, Docker, AWS, Tailwind* — Apr. 2024 – Present
- Developed a full-stack web application using Next.js with React as the frontend.
- Optimized the database for speed and responsiveness, handling over 2 million records efficiently.
- Implemented Steam OAuth to get data from the user's games library and wish list to help filter their search.
- Developed a containerized Python application to scrape Steam's App data daily to retrieve current information.
- The web application is hosted on Vercel, with the database on AWS RDS, and the Python web scraper on Hetzner VPS.

Hot Desking | *Laravel, PHP, JavaScript, PostgreSQL, PHPUnit, JQuery, DroneCI* — May. 2022 – Aug. 2022
- 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.
- Responsible for integrating admin and user sides, enforcing standardized database schema, programming rules/guidelines and technical stack for both teams to adhere to.
- 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.
- Implemented continuous delivery using DroneCI to continually update with new features.

Technical Skills

Languages: TypeScript, Python, PHP, Java, C#, SQL (Postgres, MySQL), JavaScript, HTML/CSS, JQuery, AJAX, R
Frameworks: React, Next.js, JUnit, PHPUnit, Node.js WordPress, Shadcn/UI
Developer Tools: Git, Docker, DroneCI, GitHub Actions, Amazon Web Services, VS Code, Eclipse, Trello, Figma
Libraries: HighCharts, Recharts, Tailwind, Bootstrap