

Allen Clark Villarin

Email: villarin.acs@gmail.com | Phone: +1 (204) 899-3510 | Winnipeg, MB, Canada

SUMMARY OF QUALIFICATIONS

- Researched user needs and technical requirements to define clear project scope and deliver effective solutions.
- Designed user-centered wireframes and prototypes to achieve seamless, intuitive user experiences.
- Developed cross-platform applications with clean code and version control practices to attain application responsiveness, scalability, and efficient maintenance.
- Executed thorough software and user acceptance testing to ensure high software accessibility, reliability, functionality, and overall system integrity.
- Applied strong problem-solving skills and a proactive mindset to consistently overcome challenges and contribute to team and project growth in dynamic, tech-driven teams.

EDUCATION & TRAINING

Full-Stack Eng., ML, and Cybersecurity Certifications

Codecademy

January 2025 - Ongoing

- Developing full-stack applications with HTML, CSS, JavaScript, and React for responsive user interfaces and backend logic.
- Learning data analysis with Pandas and applying unsupervised machine learning for pattern discovery.
- Pursuing foundational and advanced cybersecurity knowledge via CompTIA, ISC2, ISACA, and Microsoft certifications.

Bachelors in Applied Computer Science

The University of Winnipeg

September 2020 - February 2025

- Mastering fundamental and advanced coding techniques in web and software development.
- Designing relational databases to optimize data organization and enhance query performance.
- Gaining a deep understanding of cybersecurity threats and applying effective mitigation strategies.

TECHNICAL SKILLS

Languages: Python, Java, SQL, JavaScript, HTML, CSS, Dart

Frameworks/Libraries: Flutter

Tools: Git, PostgreSQL, Google Firebase, Figma, Microsoft 365

Methodologies: Agile

PERSONAL PROJECTS

MyMediPal | Medicine Intake Tracking Application | **Product Owner role**

- Led delivery of a health monitoring system by aligning stakeholder needs through strategic planning and team coordination, enhancing care management and patient outcomes.

Part Search | Mobile and Excel-based Search Engine Prototype | **Full-stack Developer**

- Designed and implemented an Excel search engine and Flutter-based mobile app prototype to streamline parts lookup, cutting search time and providing key details like usage rate, status, and availability.

EazyTrack | Budget Tracking Application | **Lead Full-Stack Developer role**

- Led the end-to-end development of a cross-platform Flutter app, integrating front and back-end to help users plan and save monthly income, fostering better budgeting and financial habits.

Pacer | Running Pace Cross-platform Application Calculator | **Full-stack Developer**

- Developed a Flutter running pace calculator to help athletes determine optimal training paces for effective race preparation.

WORK HISTORY

Aircraft Mechanic Intern, Navy Aircraft Vessels | StandardAero Ltd.

November 2019

- Assembled and handled aviation machine components with precision by following technical manuals, ensuring compliance with safety and engineering standards.
- Followed structured technical documentation for part traceability, enhancing audit readiness and operational transparency.

Sales Associate | Canadian Tire

November 2017 - September 2021

- Provided customer and technical support by troubleshooting user issues, managing online order workflows, and onboarding new team members, resulting in efficient operations and great customer service.
- Demonstrated versatility across sales, inventory, and help desk functions, streamlining workflows and elevating the overall in-store customer experience.