Valentin Magot

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|https://valentinmagot.github.io/portfolio/

Professional Summary

Software engineer with 3 years of experience as a Salesforce Developer and IT Analyst, recent graduate from the University of Ottawa. Skilled in many domains, including Web Development, Hybrid and Native Mobile Development (Android), Project Development, User Interface Design, and Software Quality Insurance. Familiar in areas such as Artificial Intelligence, Digital Systems, Computer Architecture, Data Structures and Algorithms, IoT, SaaS, and Networking. Proficient with Agile methodologies, having followed Scrum Master training and comfortable in platforms like JIRA and Salesforce Agile Accelerator. Canadian and French nationality, fluent in English and native French speaker.

Key Skills

Programming:
- ✓ JavaScript
- ✓ Python
- ✓ Java
- ✓ Apex
- ✓ C++
- ✓ TypeScript
- ✓ HTML/XHTML
- ✓ CSS/SCSS
- ✓ SQL
- ✓ SOQL
- ✓ VBA

Technologies:
- ✓ Salesforce CRM
- ✓ Lightning Design System
- ✓ React
- ✓ Vue
- ✓ Angular
- ✓ Git/GitHub
- ✓ Node
- ✓ Docker
- ✓ TensorFlow
- ✓ Firebase

- ✓ Jest
- ✓ Karma
- ✓ Cucumber
- ✓ Cypress
- ✓ Puppeteer
- ✓ Copado Robotic Testing
- ✓ Playwright
- ✓ REST API
- ✓ PostgreSQL
- ✓ Numpy
- ✓ Scikit-learn
- ✓ Figma

- ✓ Adobe XD
- ✓ Axure

Operating System:
- ✓ Windows
- ✓ macOS
- ✓ Ubuntu
- ✓ Kali Linux

Works Experience

Salesforce Developer — May 2020 – Present
Shared Services Canada (Gov of Can)

- Translated client requirements into user flows, wireframes, mockups, and prototypes, using Axure for the GC Cloud Brokering Service Salesforce Community Portal that led to intuitive user experiences while aligning with Canadian Federal Identity requirements.
- Conducted thorough analyses of the GC Cloud Brokering Service Salesforce Community Portal against WCAG 2.1 guidelines and developed an accessibility roadmap that increased overall accessibility score by 25%.
- Employed various cutting-edge technologies in the Vlocity Tools and Salesforce Lightning Design System (SLDS) to significantly enhance the user experience and interface design.
- Designed custom Lightning Web Component using Salesforce Lightning Design System, Apex, SOQL/SOSL to answer the specific needs of the GC Cloud Brokering Service Salesforce Community Portal increasing customer satisfaction by 30%.
- Conducted user acceptance testing on produced new and existing features using Copado Robotic Testing and deployed them for production through the Capado DevOps pipeline (CI/CD) assuring a smooth monthly deployment.
- Supported change management activities in relation to Salesforce Cloud Adoption.

Technical Analyst - Mobile Solutions (Internship) — Jan-Apr 2019
Public Services and Procurement Canada (Gov of Can)

- Utilized GitLab pipeline to demonstrate the functionality of Web Experience Toolkit (WET) and MVC architecture, resulting in the development of high-quality web pages with a 98% success rate.
- Conducted extensive research on hybrid mobile development frameworks such as Ionic4, Flutter, React Native, and Native Script, developing recommendations for the implementation.
- Coordinated the development of Cucumber-Puppeteer end-to-end testing framework for Gcdocs mobile project with TDD methodology to ensure efficient test case writing and reporting by non-technical stakeholders.
- Contributed in the Gcdocs mobile project that allows Gcdocs users to have a mobile version of the software using ActiveView, REST API calls, Material UI and HTML, CSS, JavaScript.

Junior project officer (Internship)   **Jan -Aug 2018**
Environment and Climate Change Canada (Gov of Can)

- Designed a Microsoft Access Database to track correspondences between Regulatory Innovation & Management Systems (RIMS) Division and the Senate Committees, digitalizing previous tracking system reducing analysis time by 10+ hours per week and cut down paper work by 50%.
- Provided recommendation on the appropriate Database Management System based on their needs and resources resulting in no additional cost for the division.
- Implemented a user-friendly UI for the front end of the database using VBA and storing the backend made with VBA and SQL in the company network to allow multiple users to access the database simultaneously improving productivity by 2x.
- Wrote a user manual along with a database administrator manual to improve knowledge transfer and cut the learning curve in half.
- Conducted weekly report to upper management and making presentation to non-technical employee on the usage of the database

Education

Bachelor of Applied Science in Software Engineering   **2016-2021**

University of Ottawa, Ontario
Earned Dean's Merit Scholarship twice

Personal Projects

FitGive
- Developed a dynamic React web application to foster daily exercise through friendly challenges, utilizing React for the front end, Node for the back end, and Firebase for database management.
- Implemented pose estimation using PoseNet to facilitate proper exercise form and enhance user experience.
- Ensured robust implementation and code quality through comprehensive Jest unit testing, Cypress end-to-end testing, and thorough code coverage.

Jumper
- Developed "Jumper," an engaging HTML5 and JavaScript game compatible with web browsers and the Odyssey High School Arcade system platforms.
- Constructed the entire project using the Phaser.io framework, ensuring smooth gameplay and immersive user experience.
- Integrated maps seamlessly into the game by leveraging the Tiled.io framework and designed visually appealing map objects and sprites using Macromedia Flash software.

Db-app

- Developed and deployed a dynamic crossfit leader board web app with React and PostgreSQL to allow users to have real-time updates of their performance.

MemoArr
- Created a captivating and interactive C++ memory card game designed for 2 to 3 players, offering an engaging gameplay experience.

BookingApp
- Developed a Java-based booking Android application integrated with Firebase for efficient data storage and retrieval.

FoodOrderApp
- Developed a dynamic React Native application that showcases the intuitive user interface of a food ordering app, ensuring seamless navigation and an enhanced user experience.

Yt-Spotify
- Designed and implemented a Python script utilizing the YouTube API to extract music from playlists, enabling seamless integration with the Spotify API for automatic addition to curated Spotify playlists.

References Available Upon Request