

DAVID RUSSELL

438-923-2262 | davrussell@gmail.com | Full Stack Developer/Programmer Analyst | Fluently Bilingual
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I am a well-rounded professional with a diverse background in IT and music technology. As an effective communicator, I excel at conveying complex technical concepts to diverse audiences and fostering clear and open communication within teams. My detail-oriented nature drives me to manage intricate tasks and maintain high standards of work. I am a problem solver, applying my analytical skills to troubleshoot issues, develop innovative solutions, and drive continuous improvement.

TECHNICAL COMPETENCIES

- **Languages & Frameworks:** Java, Swing, Springboot, Hibernate, Maven, C#, .NET Core, ASP, Entity Framework, JavaScript, Node.js, Express.js, Angular (MEAN Stack), Vue.js, Typescript, HTML, XPATH, CSS, Bootstrap, Tailwind, SPIP CMS, PHP, Laravel, Python, Flask, Django, FastAPI, Langchain, Streamlit
- **CRM & Salesforce Development:** Apex, Lightning Framework, Lightning and Aura Components
- **Design & Development Principles:** MVC architecture, SOLID, Design patterns, Service-Oriented Architecture, ORM, Microservice and RESTful API Development
- **QA and Testing:** TDD, JUnit, XUnit, Selenium, Postman
- **Deployment and CI/CD:** Jenkins, Docker, Apache Tomcat
- **Version Control:** GitHub, Bitbucket, Visual SVN
- **Databases:** SQL Developer, MySQL, MSSQL Server, PL/SQL, Stored Procedures, NoSQL, MongoDB
- **Cloud Technologies:** Azure AZ-900 certification in progress
- **Virtualization & Scripting:** Oracle VM, VMWare, PowerShell, CMD, Bash, Linux CLI/Shell Scripting
- **IDE:** IntelliJ, Netbeans, Visual Studio, VS Code, Android Studio (Mobile Development)
- **Schema Design & UML:** Visual Paradigm
- **Project Management & Collaboration:** Slack, MS Teams, MS Project, Trello, Jira, Redmine, Mantis
- **Office Tools:** Word, Excel, PowerPoint, Outlook, Access, Google Workspace
- **Audio & Visual Programming:** Pure Data, Max MSP
- **Multimedia Production & Sound Engineering:** Final Cut Pro, Logic Pro, Ableton Live, ProTools, Finale, Cubase, Reason

WORK EXPERIENCE

Information Technology

Web Developer (Intern)

June 2023 - August 2023

Lien Multimedia

Montréal, Québec

- Finalized the migration of the front-end SPIP3 codebase from a 4D environment to Laravel, enhancing the web application's efficiency and performance.
- Developed and fetched REST APIs for additional functionality including widgets.
- Managed the backend e-commerce transition from Stripe to Shopify, leveraging their respective 3rd party APIs to ensure seamless payment processing integration.
- Developed Python scripts using ETL principles to assist in the migration from 4D to Laravel, automating data transformation processes and ensuring data integrity.
- Conducted thorough testing and implemented SPIP plugins to improve the CMS functionality, resulting in enhanced capabilities for end-user content publication and website updates.
- Collaborated with a team of developers in a Scrum-based Agile environment, troubleshooting, debugging, and improving the existing codebase while adhering to software development best practices.
- Contributed to the company's knowledge base by authoring comprehensive documentation,

including installation and quick start guides to facilitate user onboarding and system integrations.

IT Support Specialist

July 2017 - Jan 2018

Intact Insurance

Montréal, Québec

- Supported and repaired hardware and software issues for Intact, Belairdirect employees, and insurance brokers in Windows environments via phone or email.
- Managed user account administration using TIMTAM and Active Directory; provided NTR and Remote Desktop.
- Administered Citrix environments using Citrix Director and Citrix Studio Console; resolved issues with Lotus Notes & Sametime.
- Microsoft Office Suite troubleshooting.
- Handled Avaya System Administration and telephone management.
- Addressed user requests for account creation and system access using proprietary tools; managed mobile devices, remote software installations via SCCM and managing tickets in HPSM.

Systems & Desktop Support

Feb 2017 - July 2017

Framestore VFX Studios

Montréal, Québec

- Diagnosed and resolved hardware and software issues across Linux, Mac OSX, and Windows environments; proficient in machine imaging and deployment using Puppet, Munki, and WDS/WPKG.
- Conducted server maintenance, including switch patching and cable management, and executed equipment stress testing with design and implementation responsibilities; researched equipment upgrade compatibility.
- Efficiently managed inventory and handled product RMA processes.
- Maintained and updated internal support documentation.
- Undertook Linux systems administration tasks, managed Active Directory, and provided support for Remote Desktop/VNC; oversaw VOIP telephone systems using 3CX, and troubleshooted AV and videoconferencing issues.

Application Support Specialist

Oct 2007 - Oct 2008

Ajilon / GlaxoSmithKline

Montréal, Québec

- Supported over 200 applications for approximately 500,000 employees worldwide.
- Utilized Remote Desktop, managed Active Directory, and edited the Windows Registry.
- Troubleshoot issues with the Microsoft Office suite, contributed to an extensive knowledge base, and logged and escalated issues in the Remedy ticketing system.

Education

Math, Science, Economics Tutor (Freelance)

Aug 2022 - present

Academix Inc.

Montréal, Québec

- Provided personalized, one-on-one instruction to elementary and high school students, including those in enrichment, accelerate and AP/IB programs, as well as those with special learning challenges.
- Identified unique strengths and improvement areas.
- Ensured the achievement of academic milestones, in line with provincial curricula.

Special Needs Tutor

Jan – May 2018

Access Centre for Students with Disabilities, Concordia University

Montréal, Québec

- Evaluated obstacles, educational requirements, and aided in attaining academic objectives.
- Assisted in fostering proficient research and writing abilities.
- Encouraged self-assurance and self-competence.

Content Writing

Content Writer & Copy Editor (Freelance)

Simile Agency Inc.

Aug 2021 - present
Montréal, Québec

- Edited and proof-read sales copy including websites.
- Assisted in industry report and blog post editing.

Recording & Music Industry

Independent Music Producer

Subtone Music

2002 - present
Montréal, Québec

- Produced electronic music, designed sound, composed, DJed, and served as a post-production mix engineer with internationally acclaimed solo and collaborative releases on independent record labels.
- Showcased discography can be found online at: <https://www.discogs.com/artist/Subtone> and <https://www.discogs.com/artist/Fortress>
- Composed and produced music for advertising campaigns, including contracts for Lady's Speed Stick and Colgate.

EDUCATION

AEC Programmer Analyst

Collège de Bois du Boulogne

March 2022 – August 2023
Montréal, Québec

Bachelor of Fine Arts in Electroacoustics

Concordia University

2012-2015
Montréal, Québec

- Attained a CGPA of 3.94 after the second year of studies.

Coursework in Software Engineering

McGill University

2002-2003
Montréal, Québec

University Bursary / High School Diploma

Auckland Grammar School

2002
Auckland, New Zealand

- Graduated 2nd in accelerate stream class with 4 scholarship awards.
- Placed 2nd in New Zealand in Cambridge University's International A-Level Exams in Pure Math and Statistics.

ACADEMIC & COMMUNITY DISTINCTIONS

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| • Golden Key International Honors Society: top 15% of students EAST program | 2012-2015 |
| • NZQA University Bursary Scholarship Awards: 4 Subject Scholarships | 2002 |
| • Auckland Grammar School Scholar's Award | 2003 |