Alex Bali

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LinkedIn Profile
Edmonton, Alberta

Driven professional with a passion for optimizing applications and creating elegant solutions. I am young, energetic and a recent graduate from the University of Alberta where I finished my Bachelor of Science degree with specialization in Computer Science. I have strong foundations in algorithms, analytics, databases, and software development. Seeking to harness my skills and apply them to new challenges with a focus on collaboration, communication, and efficiency. I am intelligent, punctual, organized and a quick learner with an incredibly strong work ethic. I am confident I would be a great asset.

Technical Skills

- ❖ **Languages**: C++, C#, HTML, CSS, Java, JavaScript, Python, R, Swift, Bash
- ❖ **Frameworks**: ASP.NET, Blazor, Django, Flask, React, Mockito, Selenium, Junit.
- ❖ **Database Systems**: Oracle PL/SQL, Microsoft SQL Server, Firebase, MongoDB.
- ❖ **Web Services**: REST, Cybera, Docker, Azure, CI/CD
- ❖ **Business Intelligence Tools**: Tableau, APEX, FME, Google Suite, Data Studio Microsoft Office Suite, Power BI, RStudio, SPSS (Statistical Analysis).
- ❖ **Other**: GitHub, Git, Unix, Linux, SDLC, Agile, Scrum, Change Management

Soft Skills

- ❖ **Teamwork**: I have strong interpersonal skills and enjoy both collaborating with others and building relationships. I have excellent communication skills and through both attentive listening and strong speaking skills, I can gather and understand business requirements from clients or give presentations.
- ❖ **Critical Thinking**: I am comfortable working in fast paced environments with many moving parts. I can adapt to all situations and creatively solve problems and execute strategies under pressure with good judgement.
- ❖ **Quick Learner**: I enjoy learning and pick up new skills quickly through a combination of implementation, formal training, and online resources.
- ❖ **Organization**: I can be counted on to perform tasks efficiently with effective time management. I am very detail oriented and punctual. I am reliable and can be depended on to efficiently perform tasks.
- ❖ **Positive Attitude**: I bring high energy and a positive attitude to any task / project I am involved in.

Employment History & Experience

Systems Analyst – City of Edmonton: May 2021 - Present
- ❖ Design, Develop, Test, Maintain, Model and Document new and existing internal applications using tools and languages such as APEX, FME, Tableau, Python, Microsoft SQL, and Oracle Databases (spatial and non spatial data).
- ❖ Data analysis, data collection, trend analysis & reporting of different datasets with an emphasis on key performance indicators and business processes.
- ❖ Develop easy to use, intuitive dashboards for a diverse range of clients with the best UI/UX principles in mind.
- ❖ Troubleshoot issues and implement technical solutions

Information Administrator – City of Edmonton: May 2019 – Sept 2019
- ❖ Designed, Developed, Tested, Documented an Internal Oracle APEX application related to the management of City of Edmonton legislation.
- ❖ Gathered requirements from clients, scheduled meetings (2-5 people).
- ❖ Created test scripts and conducted user acceptance testing
- ❖ Automated a data analysis workflow using Apps Script, sheets and excel.

Education

University of Alberta – BSc Specialization in Computer Science Sept 2017 - 2021
- ❖ I finished my final year with a 3.8 GPA.
- ❖ Took various courses related to Math, Statistics, Economics and Psychology

Projects	**Web Application Developer – Citrus Network: Jan 2021 – April 2021**
	❖ Designed databases from client requirements
	❖ Developed and tested API's, Quality Assurance
	❖ Translated business requirements to user stories and implemented them using programming languages such as Python and JavaScript
	Backend Developer – AHSL Dashboard: Sept 2020 – December 2020
	❖ Gathered business requirements from clients and created user stories
	❖ Conducted research using methods such as demographic surveys, software evaluation, and café studies.
	❖ Created API's and used the Django Framework with python to develop features
	❖ Wrote unit tests, integration tests, acceptance tests
	Software Developer – Boost: Jan 2021 – April 2021
	❖ Developed an Android Application using Android Studio (java)
	❖ Created API's and developed Firebase database
	❖ Designed UI/UX components
	❖ Wrote unit tests and ensured documentation was complete
Achievements	❖ Rutherford Scholarship.
	❖ Jason Lang Scholarship.
	❖ Dean's Honor Roll.