

## Contact

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(Portfolio)

## Top Skills

Java Enterprise Edition

Integration

SOA

## Certifications

Sun Certified - IForce Partner

Adv. Java Programming (J2EE) –  
PRO 408SA

Enterprise Java Beans (EJB) – PRO  
512SQ

Advanced Oracle PL/ SQL – Oracle  
Database Programming

Advanced Java J2EE / E-Commerce

## Honors-Awards

Rogers Customer 1st

Rogers Customer 1st

Rogers Business Impact Award  
Winner

# Alex ILIE

Banking Solution Architect

Greater Toronto Area, Canada

## Summary

Web Profile: <https://main.d37vqs13py7d1c.amplifyapp.com>

Standard Banking engagements will include delivering Banking Business capabilities using Design & Technical Architecture using combination of Enablers, Skills & Technologies:

- Solution, Technical, Application & Operational Architecture
- Architecture Roadmaps, Domain & ARB/ CAB Architecture Presentations
- Business Presentations & Business Architecture Roadmaps
- Credit Card, Billing and HR Domains knowledge
- Data Architecture, Data Flows & Integration Architecture
- Data Warehouse Integration patterns
- Enterprise Batch Scheduler Processing & Integration
- CRM, ESF, IVR, Middleware Integration
- Cloud Architecture, Cloud Integration & Transformation
- API Architecture - Microservices API, REST API
- Kafka & Event Driven Architecture & Integration
- Digital Domain Integration & Transformation
- Mobile Banking Integration
- Mainframe systems replacement & Transformation
- E2E Solution Design & Architecture
- High Level System Architecture Diagrams - Visual Paradigm, Spark EA, Gliffy
- Detailed E2E Integration Diagrams - Visual Paradigm, Spark EA, Gliffy
- TOGAF Metamodel Architecture - Data Metadata Repository (DB schemas repository), Systems/ components repository (Integration Flows) Repository

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## Experience

Accenture

## Technical Architecture Manager | Technology Architecture

March 2022 - Present (11 months)

Montreal, Quebec, Canada

Role: Solution Architect | Credit Card & Payments Domain | National Bank of Canada

- Business Architecture, Solution Architecture, UML Architecture Diagrams, Detailed Design & Interface specifications, Architecture RoadMap, Domain API Microservices Integration, Kafka Event Driven Integration
- Credit Card Instant Approval | Infrared, SAFEID v2, UMA rewrite, CCIA Architecture RoadMap
- Card Credit Transaction Processing - E2E Solution Architecture, Detailed Design & Interface specifications, RoadMap
- Card Credit Transaction Processing – Business & Technical Architecture, new Card Domain RoadMap Architecture, E2E Transaction Processing Data Flows
- Business Architecture Presentations, reviews with Domain Architect & other Domains architects, ARB docs presentations

## Accenture

3 years

## Technical Architecture Manager | Technology Architecture

October 2021 - January 2022 (4 months)

San Jose, California, United States

Role: Solution Architect | HR Domain - API Integration | Silicon Valley Bank

- Vendor Cloud Applications Data Synchronization using existing Cloud APIs
- Domain API Microservices Integration, Async API microservices & Kafka Event Driven Integration
- Solution Architecture, Functional Design Requirements & Blueprint, Detailed Design Solutioning,
- ARB Architecture Docs & Presentations, reviews with API Domain Architect, created SVB HR Systems RoadMap

## Technical Architecture Manager | Technology Architecture

April 2021 - September 2021 (6 months)

Montreal, Quebec, Canada

Role: Functional Designer | Mobile Reporting System | CN

- Kinvey Digital Mobile API Integration
- Transportation Domain API Microservices Integration & Kafka Event Driven Integration

- Solution Architecture, Functional Design Requirements & Blueprint, Detailed Design Solutioning

Tech Architecture Delivery Manager | Banking Technology  
October 2020 - March 2021 (6 months)

Toronto, Ontario, Canada

Role: EBanking Integration | Digital Factory | CIBC

- Digital Mobile Banking & EBanking Microservices API Integration
- HLD, LDD, DDD & Code Implementation

Tech Architecture Delivery Manager | Banking Technology  
May 2020 - October 2020 (6 months)

Toronto, Ontario, Canada

Role: Integration Architect | Malauzai Integration - Mobile Digital Banking | Finastra:

- Digital Mobile Banking API & Integration
- CORE Banking API & Integration
- Mobile Banking Digital Integration Audit & Enhancements

Tech Architecture Delivery Manager | Banking Technology  
February 2020 - May 2020 (4 months)

Toronto, Ontario, Canada

Integration Developer | BackBase - Mobile Digital Banking | Finxact & Savana

- BackBase Digital Mobile Banking API Integration
- Finxact CORE Banking API Integration
- Savana CRM Core API Integration

Tech Architecture Delivery Manager | Banking Technology  
February 2019 - February 2020 (1 year 1 month)

Toronto, Ontario, Canada

Joined the Accenture Banking Technology Group as part of Accenture & ZAFIN partnership, Feb 2019.

Role: Technical & Solution Architect | Business Banking Billing | TD Bank

- Discovery & Road Maps presentations for Business, Technology & Senior Management - Business value added & gains, trade-offs, Architecture principles, constraints, criteria & decisions to achieve Business Architecture & Vision, roll-out planning, estimates & HL Implementation strategy
- Solution alignment versus Business vision & goals by implementing New & Refactored system capabilities

- Architecture Road Maps, Architectural Direction & Pillars, HL & DDD Solutions - HLD, LLD, DDD, SAD, & Architectural documentation- UML Architecture diagrams
- Architecture POD Prime - Coordinated, Tuned & Approved Agile Sprints POD technical solutions & aligned Low Level implementation/ code versus the overall HL Solution Architecture
- I reviewed & approved low level implementation versus LLD - Component design, Interface design, Integration design & IA/ Interfaces specification
- Performance & Operational Code Review, Components Design, detailed code review
- Azure Cloud Solution decks & Azure diagrams
- Advised, adjusted the Release planning, Deployment steps & documentation
- Operational Architecture, Strategy, & Documentation;
- PROD Operational Support Manual & Procedures

## Zafin

2 years 1 month

### Senior Technical Architect | Global Projects Delivery

May 2017 - February 2019 (1 year 10 months)

Toronto, Ontario, Canada

Role: Senior Technical Architect - operating as Solution Architect 80%, Application Architect 20%

- Design, Architecture & Customization for miRevenue JEE Business Banking Pricing & Billing
- Acquired the Senior Management support versus the Delivery Architecture process
- Shifted the Senior Management mindset regarding Architecture process and value
- Coordinated Agile Sprints solutions, performed Refactoring & Operational Enhancements; setup document standard for HLD, SAD, DDD, IA/ ISD templates
- HL & DD Architectural solutions, SAD Architectural documentation/ diagrams, DEV/ PET/ PROD HW sizing
- Introduced SparX Enterprise Architect as standard Architecture tool
- Refactored & (re)designed major miRevenue application components & interfaces
- Setup Operational Standard, Strategy, Principles, documentation template & Enhancements

- Coordinated the Architecture practice for miRevenue Pricing & Billing Relational Pricing platform
- Implemented & refactored Business Banking Billing & Pricing projects : BOW, BOA, TD, CIBC
- Architecture Road Maps Presentations, Architecture & Performance Testing Strategies, Capacity & Infrastructure sizing strategies, Detailed Design Solutions, Design Reviews - TD, CIBC, Barclays UK, BPI
- Performance Testing strategies, Critical Design & Architecture refactoring & PT: BOW, TD, CIBC, NedBank, BPI, CIMB, Barclays UK

#### Technical Architect | Delivery

February 2017 - May 2017 (4 months)

Toronto, Ontario, Canada

Joined the ZAFIN Delivery Group, analyzed the context for miRevenue & mi5 products, reviewed Delivery Group engagements and proposed & established a structured Architecture practice.

#### Rogers Communications

11 years 7 months

#### Technical Project Lead - CRM Applications

August 2012 - February 2017 (4 years 7 months)

Toronto, Ontario, Canada

Role: Technical Project Lead

CRM Application Architect

Salesforce Applications CRM Admin

- Loaded full Metamodel configuration for all Environments - loaded all metadata elements - 300+ Metadata Systems, 500 + Metadata Apps, 2500\* Metadata APIs - 10000+ API operations, Sequence flows steps, 300+ DB schemas metadata, 30000+ DB tables entities metadata

#### Application Architect - EBiz Supply Chain

August 2009 - August 2012 (3 years 1 month)

Toronto, Ontario, Canada

#### Application Architect - Supply Chain Application

September 2005 - August 2009 (4 years)

Toronto, Ontario, Canada

#### Application Architect - Dealer Web Channels

August 2005 - August 2009 (4 years 1 month)

Toronto, Ontario, Canada

## IBM

### Portal Architect

November 2004 - July 2005 (9 months)

Toronto, Canada Area

Government Federated Portal project - GO PSP | Ontario Government

GOVONCA Portal - <http://gov.on.ca> - Ministry of Finance, IT & IT Cluster

- Architecture, Design & Implementation for GOVONCA Portal, Portlets & Portal Pages

## Teleperformance

### Senior Server Developer

March 2004 - November 2004 (9 months)

Toronto, Canada Area

- Designed & Implemented Telemarketing Inbound/ Outbound - Dynamic Survey Web applications
- Designed Davox Lyricall Dialer Web Integration using Davox J2EE Call Center Dialing Framework

## Jomo Technologies

### Application Architect

October 2003 - February 2004 (5 months)

Toronto, Canada Area

- Designed & Implemented EOrganism - TOGAF Enterprise Meta Model Repository - Java Swing
- Designed & Implemented Connector - Sun Microsystem IForce Partner Award; Meta Model & Java JEE Source Code Generator
- Designed RobiNet Client Portal Application, Server Side components and DB schema, including RobiNet Database interfaces for VoIP communications framework
- Metamodel Architect
- Designed & Implemented EOrganism Metamodel Application; TOGAF Metamodel POC/Business/ API Metadata, WSDL WS & Swagger Metadata, Data Metadata, Data Flows & interfaces Metadata
- Loaded full Metamodel configuration using batches, direct scanning - loaded all metadata elements - 300+ Metadata Systems, 500 + Metadata Apps, 2500\* Metadata APIs - 10000+ API operations, Sequence flows steps, 300+ DB schemas metadata, 30000+ DB tables entities metadata

## DWL

### EBusiness Architect | Professional Services

March 2002 - February 2003 (1 year)

#### Toronto, Canada Area

IBM acquired DWL on Sep 2005. DWL UNIFI merged into IBM MDM - Master Data Management.

- Coordinated DWL UNIFI implementation for AXA Bank Phoenix Life project - Portero & Web Insurance Portal, AXA Bank | Brussels - Belgium | JEE | DWL UNIFI Framework
- Designed & documented POC & 20+ UNIFI Framework enhancements
- DWL Connector POC

#### IP Devco

Application Architect | E-Commerce Engine

April 2001 - February 2002 (11 months)

#### Toronto, Canada Area

- Architected & Implemented Virtual Exchange Internet POS application
- Architected & Implemented EHE - Data Conversion Project

#### Capital IT Solutions

Server Developer

October 2000 - April 2001 (7 months)

#### Toronto, Canada Area

- Architected, Designed & Implemented a Client & Licensee Gaming Portal

#### Crucible International Inc.

Server Developer

August 2000 - October 2000 (3 months)

#### Toronto, Canada Area

- Architected & Implemented Intranet Portal using PHP & MySQL DB
- Architected & Implemented DNS & Web Hosting Application using Java, JSP, Servlets & MySQL DB

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## Education

Automation and Computers Science - Polytechnic University of Bucharest, Romania

Bachelor's Degree - Computer Science & Automation, Advanced Software Control Systems

Gheorghe Lazar HighSchool - Sibiu, Romania

Mathematics and Physics - Highschool Diploma

