SORIN ALEXANDRU ILIE

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Senior Solutions Architect - Cloud & AI, API, KAFKA
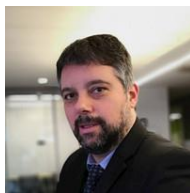
• Banking Domain Solution Architecture	7+ years
• E2E Architecture, Architecture Blueprint, Internal Architecture Review, ARB	5+ years
• API Design & Integration, KAFKA Event Driven Architecture, API Microservices Architecture	10+ years
• Cloud Solution Architecture, Cloud Patterns, Hybrid Cloud Solution Architecture	5+ years
• Artificial Intelligence Solution Architecture	1+ years

Senior Solution Architect	RBC Wealth Management | Data Services | Toronto | Feb 2023 - now - permanent
	AWS, SpringBoot, OCP, PCF, SingleStore DB, Helios CI/CD, AWS SnowFlake, AWS SingleStore, KAFKA, DataStage, VISIO, BroadRidge API, Bloomberg API, Apollo GraphQL, SalesForce, APIGEE, AI

RBC Wealth Management is the largest full-service Wealth Management firm in Canada, delivering Wealth Management solutions through four diverse, complementary businesses: RBC Dominion Securities Inc, RBC Philips, Hager & North Investment, RBC Private Banking & RBC Royal Trust.

- *Artificial Intelligence Architecture & Solutions - Generative AI, Realtime Augmentation Generation, AI Metadata DB, AI Vector DB, AI Prompt Engineering, AI Gateway, AI Orchestration, AWS SageMaker, Azure Open AI, AI Rasa*
- *AWS Cloud Architecture, Business Data API & REST Microservices, GraphQL API, KAFKA API Integration*
- *Solution, Enterprise, Integration, Cloud Governance, Infrastructure, Metamodel & Data Architecture*
- *E2E Solution Architecture, Architecture Blueprint, Internal Architecture Review, Road Maps, ARB - Architecture Review Board*

Technical Architecture Manager	ACCENTURE | Banking Technology Architecture | Toronto | Feb 2019 – Oct 2022 - permanent
	SpringBoot, Azure, AWS, KAFKA, VISIO, SparX Enterprise Architect, OCP, CI/CD, InteliiJ, Eclipse

Accenture is a leading Global Professional Services company, providing a broad range of services and solutions in strategy, consulting, digital, technology and operations. Accenture works at the intersection of Business & Technology to help clients improve their performance and create sustainable value for their stakeholders.

Solution Architect – National Bank of Canada – Card Domain | Montreal | Mar 2022 – Aug 2022
- *Credit Card Instant Approval | Infrared, SAFEID v2, UMA rewrite, CCIA Architecture RoadMap*
- *Credit Card Transaction Processor - E2E Solution Architecture, Detailed Design & Interface specifications, RoadMap*
- *Credit Card Transaction Processor – Business & Technical Architecture, new TP RoadMap Arch, E2E TP Data Flows*
- *Business Architecture Presentations, reviews with Card & Payments architects, ARB presentations*

API Integration Architect – Silicon Valley Bank | San Jose | Oct 2021 – Dec 2021
- *Architecture, E2E Solution, Detailed Design & Interface specifications - HR Lexonis API Integration Project*
- *Microservices REST API Design, Event Driven, APIGEE, Async API & Kafka, REST APIs Integration*
- *ARB Architecture Docs & Presentations, reviews with API Domain Architect, created SVB HR Systems Arch RoadMap*

Functional Designer – CN Railways | Montreal | Apr 2021 – Sep 2021
- *Digital Mobile Kinvey API Integration, API Microservices Integration, Kafka Event Driven Integration*
- *Solution Architecture, Functional Design Requirements & Blueprint, Detailed Design Solutioning*
- *Review HL Design & Architecture with CN Domain Architect; explain Arch solution to team – Dev, Testing, Business, ARB*

EBanking API Architect – CIBC | Simplii Financial |Toronto | Oct 2020 – Mar 2021
- *Digital Mobile Banking API, Microservices API Integration, HL Solution Design & Detailed Design*
- *Review HL Design & Architecture with Solution Architect & CIBC Team Lead*

Integration Architect – Finastra CORE Banking | Toronto | May 2020 – Oct 2020
- *Digital Mobile Banking API & Integration, CORE Banking API & Integration, Malauzai Digital Integration Audit*
- *Enhancements & RoadMap, Finastra CORE API Banking integration*
- *Prepare Architecture & refactoring sections of the Accenture Proposed Refactoring & Enhancements*

Microservices Integration Lead – Finxact Core Banking | Toronto | Feb 2020 – May 2020
- *BackBase Mobile Banking API & Integration, Finxact CORE Banking API & Integration, Savana CRM API integration*

TD Business Banking – TD Bank | Solution Architect

OBS - One Billing System Phase 2 Deposits | Strategic Billing | Feb 2019 – Oct 2019

- *Designed OBS Performance Tuning strategy - Transaction Processing & Billing Processing batch jobs*
- *Designed OBS Archiving & Purging Solution*
- *Designed Calendar OBS Batch jobs & tasks processors, Designed Batch processing strategy & sequence*
- *Designed TD Autosys integration with OBS Batch Processing framework*
- *Designed EDPP Data Integration with OBS Staging schema*
- *Created OBS Target State System Architecture Diagram*

TD Business Banking – OBS-TIL EDPP Data Ingestion | TD Bank – Solution Architect

OBS-TIL EDPP Data Ingestion – Customer 360 – Feb 2019 – Aug 2019

Feb 2019 – Apr 2019

- HL estimates, Project initiation & Rollout decks, OBS-TIL Solution for Business Banking & EDPP

May 2019 – Aug 2019

- *Designed OBS-TIL Data ingestion solution, designed integration with TD Autosys, Designed OBS-TIL Data Ingestion Oracle Export & Oracle Import triggering and processing & sync with OBS Batch jobs; Designed integration with EDDP Sqoop*
- *Technical Solution presentations with TD Business, TD EDPP and TD OBS teams; final Architectural target state*

Senior Technical Architect	ZAFIN - Global Delivery	Toronto| Mar 2017 – Feb 2019 - permanent
	Java7, JEE, JBoss, Spring, Hibernate, Eclipse, GWT, Oracle, SparX EA, Maven, JUnit, Liquibase, GitHub, BitBucket, JIRA, Hazelcast, Dynatrace, SaaS, Cloud, API, OAuth, Confluence, Azure, Splunk

ZAFIN is a provider of Relationship Banking Software, a Global leader in Product & Pricing Technology Solutions for Banking Industry. miRevenue G4 Product is Zafin's flagship JEE product consisting of: Price & Product Management, Billing & Cash Management platform, Product Catalog, Offer Management, Customer Management & various other Banking products/ components.

- *Managed & Coordinated Delivery Architecture Practice, Technical Architecture standards & Delivery Best practices*
- *Redesigned, Refactored & PT & operational enhancements: Bank of The West, TD, CIBC, Barclays, CMIB, NedBank, BPI*
- *AZURE Cloud Solution Proposals, Reviews & Design: CIBC, TD*

Projects:

- *Barclays - Strategic Billing - Retail Banking | Jun 2018 – Aug 2018*
- *NedBank - Enterprise Billing Engine - Retail Banking | May 2018 – Jun 2018*
- *BPI - Bank of Philippines Islands - Pricing and Billing - Retail Banking | May 2018 – Jun 2018*
- *CMIB - Bank of Malaysia - Niaga - CISC Integration with miRevenue - Retail Banking | May 2018 – Jun 2018*
- *TD Bank - TD OBS Deposits - One Billing System Phase 2 – OBS Strategic Billing | Feb 2018 – Feb 2019*
- *TD Bank - TD PP - Precision Pricing Project - Retail Banking | Mar 2017 – May 2017*
- *CIBC - myClient – Pricing and Billing- Business Banking | Feb 2018 – Mar 2018*
- *TD Bank - Business Banking Cash Management Systems | One Billing System - CSM Phase 1 | May 2017 – Feb 2018*

Application Architect	Rogers Communications	Brampton	Aug 2005 – Mar 2017 - permanent

Technical Project Lead/ Architect – CRM Call Center Applications - 2014 – Aug 2017

- *Solution Architecture & Detailed Design for CRM Apps domain*
- *Designed & Implemented Java Swing & Web **TOGAF Metamodel** application:*
  - *all Environments, all Systems, all Applications, all Interfaces, all Databases Metadata, all Attributes*
  - *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*

Application Architect – Supply Chain Applications - 2005 – Aug 2014

- *Application Architecture & Detailed Design for Dealer Web Apps & Supply Chain Apps*

	▪ Master's Degree in Computer Science, Bucharest, Romania Polytechnic University of Bucharest - Automation & Computers Faculty Advanced Software Control and Automation Systems