

Benjamin (Ben) Lvovsky

Senior Solution Architect — Cloud, Integration & Master Data

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PROFILE

Solution architect who creates the solution, not just the diagram. 30 years in enterprise software, the last decade in cloud. At Slater and Gordon the master data platform now at the core of the firm's Legal Practice Systems transformation is my own concept — I proposed it and designed it, and it is now approved as the firm's architecture direction, with its first horizon in production. Before that I built a property management platform on AWS from nothing, and turned an outsourced cloud function into an in-house engineering team. Strongest where a problem crosses several systems and several teams, and where someone has to decide what gets built.

Oracle Certified Master Java EE Enterprise Architect. MBA and Master of Information Systems Management. Provisional patent for internet broadcasting technology. PhD candidate at RMIT University since November 2025, researching multi-agent LLM systems for privacy and security in software delivery.

SKILLS

Azure Functions · Service Bus · Cosmos DB · AI Search · Storage · Front Door · VNet integration · Entra ID · managed identities · Privileged Identity Management · Azure DevOps · Terraform · migration from on-premises and AWS

AWS multi-account Organizations design · Lambda · ECS · EKS · EC2 · S3 · SQS/SNS · RDS · DynamoDB (advanced NoSQL patterns, hybrid with RDBMS) · Kinesis · IAM and OIDC federation · CloudFormation · CodePipeline · VPC and availability-zone topology · cost control

Integration and master data event-driven architecture · publish/subscribe · API design · OAuth 2.0 and machine-to-machine authentication · integration gateways and proxy patterns · MDM platforms designed from first principles rather than configured from a packaged product · golden-record ownership and governance · deduplication, survivorship and blocking analysis · large-scale initial loads · ShareDo, MatterSphere, Aderant, Salesforce, SAP · Kafka, NiFi, Camel, JMS

Engineering TypeScript · Node.js · Java and Java EE · Python · C++ · C# · Spring Boot · Terraform · Docker · Kubernetes and OpenShift · GitHub Actions and Enterprise · Azure DevOps · GitLab CI · CI/CD · Agile, Scrum, TDD

Data Cosmos DB hierarchical partitioning and query-pattern design · DynamoDB · Oracle with PL/SQL and query optimisation · SQL Server · PostgreSQL · MySQL · Solr · Power BI

Leadership target-state and transitional architecture · design assurance · legacy modernisation · engineering governance and standards · building and mentoring teams from zero · reporting to managing director and C-level on technical and commercial matters

EXPERIENCE

Senior Solution Architect · Slater and Gordon

Aug 2025 – present

Architect for the Legal Practice Systems transformation, across Azure, AWS and on-premises systems — ShareDo, MatterSphere, Aderant and Salesforce. The architecture is approved, the first horizon is in production and the next horizons are approved for roll-out; I have now moved on to the firm's triage and booking project.

- Proposed and designed the firm's master data platform — my own concept, approved as the firm's architecture direction for client and contact data, with the first horizon in production and the full roll-out of about a million records approved for the next horizons. Built on Azure rather than bought as a packaged product.
- Author and owner of the firm's Azure cloud and integration strategy, written for approval by the CTO, Head of IT and Information Security Officer — identity and zero-trust networking, API management as the integration hub, Service Bus messaging, recovery objectives, data residency, FinOps and a roadmap that includes decommissioning AWS.
- Designed the governance model that makes the platform the sole system of record: other systems submit create and update requests, the platform decides through matching and survivorship rules and distributes the canonical record, and no consumer writes to it directly.
- Wrote the technical design for the full roll-out — one owned gateway to the finance system, a bulk-load pipeline sized for a million records, a generic asynchronous interface in place of bespoke adaptors, and observability defined as code — and designed hub-and-spoke synchronisation across five systems on Azure Service Bus.

- Designed and proved the initial load myself: a validated full run in UAT consolidated 1,039,896 source records into 969,795 master documents in 17 minutes with zero load errors, after I made the load stage 6.4 times faster, on infrastructure that shuts down when idle.
- Diagnosed why 18% of contacts chained into one deduplication cluster — shared professional contact details linking unrelated people — and fixed it with name-scoped blocking, making deduplication 2.6 times faster.
- Proposed a firm-owned redesign of the national settlements workflow after code analysis showed every billing step after approval was being re-keyed into the finance system by hand.
- Ran the architecture review before the first production release — six risks and a managed-identity audit across 10 services — and wrote the system-to-system authentication guide and cloud engineering standards the delivery teams build to.

Head of Cloud · iSelect (Corporate Travel Management group)

Mar 2025 – Aug 2025

Led the cloud and DevSecOps function — seven people across AWS and Azure.

- Brought the function back in-house from an outsourced model, running the knowledge transfer and establishing the documentation practice that had not previously existed.
- Restructured the AWS multi-account organisation, resolving long-standing inefficiencies in resource use and account design.
- Migrated CI/CD from Jenkins to GitHub Enterprise — platform selection, OIDC-based AWS connectivity, and IAM roles and trust relationships for cross-account deployment with no long-lived credentials.
- Repositioned the team as a technical enablement hub for product teams, providing standards, consultation and internal education rather than working a ticket queue.

Technical Lead · iSelect

Jan 2024 – Mar 2025

Owned the internal shared services, including the Lead Generator system integrating MySQL, PostgreSQL and MS SQL. Built a real-time pipeline on Amazon Kinesis with DynamoDB storage feeding Salesforce and the data lake.

Senior Software Engineer · Leidos Australia

Jun 2022 – Jan 2024

Bureau of Meteorology programs. Java Spring Boot microservices on OpenShift with PostgreSQL, Solr and Kafka; integration via Apache NiFi and Camel; deployment automation and test suites in Python, Ansible provisioning, Kibana, GitLab CI.

IT Manager & Solution Architect · Ubertas Financial Group / TwigTech

Nov 2018 – Jun 2022

IT for the Ubertas group, and the architect and delivery lead who built TwigTech — a property management platform on AWS covering trust accounting and short-stay distribution across Airbnb, Expedia and other OTAs.

- Took the product from nothing to a live commercial platform — architecture, data design and hands-on delivery — as fault-tolerant serverless microservices on AWS.
- Built the engineering team from zero: hired locally, established and managed an offshore arm, and ran code review and mentoring while staying hands-on myself.
- Created card-to-crypto and bank-to-crypto payment services for the group.
- Reported to the Managing Director and C-level directly on both technical and commercial decisions.

EARLIER SENIOR ROLES, 2017 – 2018

Australia Post · Solutions Architect / Senior Developer (contract)

Nov 2017 – Nov 2018

Modernisation of enterprise systems across several microservices projects. LDAP, Oracle, Java 8, Spring Boot, Docker, WebLogic.

EARLIER CAREER, 1996 – 2017

Ippon Australia · Odece (Cognizant) · IBM Global Process Services · NEC Australia · NetBusiness · ADP Australia · VEDA Advantage · Space-Time Research · Digital MotorWorks International · Ubertas Kongari Asset Management · National Australia Bank · Avanteos, Commonwealth Bank group · Securrency and Note Printing Australia, Reserve Bank of Australia · OnQ/BillExpress · AON Warranty Group · Paritech Financial Data Solutions · Online Trading Systems · Looksmart International · Dun & Bradstreet · The Beam Group · Cybec / Vet Antivirus, later Computer Associates

Detail on request.

EDUCATION

PhD, Software Engineering — RMIT University

Nov 2025 – present

Multi-agent LLM systems for privacy and security in software delivery: whether specialised language-model agents in adversarial configuration can detect sensitive data leaking through tickets, logs and repositories.

MBA and Master of Information Systems Management — Swinburne University of Technology

2002–2008

Certifications Oracle Certified Master, Java EE Enterprise Architect (2012) · IBM Certified System Administrator, WebSphere Application Server (2011)

Patent Internet Broadcasting Technology — provisional patent. TCP/IP-based multithreaded broadcasting system, designed and built at Online Trading Systems.

RESEARCH AND PROJECTS

Machine Learning for Financial Markets · ml.lvovsky.com

Supervised learning over roughly 330 attributes — moving averages of major commodities, world indices, FX and calendar effects — producing instrument predictions ranked by correlation and error. SVM with a Gaussian classifier, GPU-accelerated C++, Python and PostgreSQL.

Markowitz Efficient Portfolio Optimisation with the Capital Market Line

Portfolio optimisation implementation and research.

Writing · ben.lvovsky.com

Essays on the non-code parts of engineering: incentives, architecture decisions that quietly become permanent, and incidents misdiagnosed for months.