

ADINA LIEBLICH

AI & AUTOMATION BUILDER · SOLUTION ENGINEERING · MICROSOFT POWER PLATFORM + CLOUD

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§ SUMMARY

A project manager and engineer with 12+ years across government, higher education and Tier-1 contractors, now focused on building AI and automation. I independently acquired the skills to build and ship real AI tools, and this is the work that really excites me. I take a business problem, shape the solution with the people who own it, build the working version, and drive its adoption. What sets me apart in this field is the other half of the job: more than a decade spent translating technical detail into the decisions executives and clients actually have to make, from council chambers and Vice-Chancellors to ministerial offices and the public.

I build in two worlds: low-code AI agents and automation in the Microsoft ecosystem (Copilot Studio, Power Automate) for teams that need governed, secure tools; and custom cloud applications (Python, AWS, retrieval-based AI) where the problem needs more than low-code. My current AI work ships inside a security-restricted, Microsoft-only government environment, where every tool must first clear IT and Cybersecurity. I am looking for a hands-on AI or solution engineering role where I can build, apply the delivery and client experience I already have, and keep deepening my technical craft.

§ CORE STRENGTHS

- Client solution shaping and stakeholder engagement
- AI agents and intelligent automation
- Microsoft Power Platform (Copilot Studio, Power Automate)
- Custom cloud builds (Python, AWS, retrieval/RAG)
- Governed, secure delivery in enterprise environments
- Proposal, business-case and options analysis
- Discovery, requirements and adoption
- Public-sector and higher-education domain

§ SELECTED AI & SOLUTION BUILDS

Gesher, AI report-drafting for engineers · founder, ongoing

An AI application that drafts cited civil and geotechnical engineering reports from a project's own documents, with every value traceable to its source document, page and quote, and nothing invented. It answers from retrieved source documents rather than model memory, attaches provenance to every value, and runs a deterministic, non-model check that flags anything not traced to a source. Architected for regulated-industry deployment: single-tenant instances deployable into a client's own cloud, the language model behind a single adapter so the model is a deployment choice (for example Azure OpenAI for a Microsoft client), and licensed standards connected by the client rather than shipped. Built on Python, FastAPI, AWS Lambda and full-text retrieval. Early working prototype.

Project page: index.gesher-eng.com · Code: github.com/adinaliebllich/gesher

Lilach, voice-first personal AI assistant · personal build, 2026

A full-stack, serverless AI app built solo and in daily use. A spoken note flows through an API Gateway and AWS Lambda backend into a two-model Claude pipeline, a classifier then an extractor, that turns it into a structured task, with Notion as the datastore and scheduled worker Lambdas firing custom web-push reminders. The front end is a React progressive web app with gesture controls, and the AWS infrastructure is defined as code with SAM. End-to-end system design across cloud, backend, integrations and frontend (around 10,000 lines).

Code: github.com/adinaliebllich/lilach

Lilach for Work, a SaaS design exercise · personal, 2026

An exercise in designing a SaaS platform that fills in engineers' forms and reports for them: one workspace per project, voice and document capture, and templates that draft themselves. A full information architecture and 15+ interactive wireframes. The design exploration that became Gesher.

Showcase: adinaliebllich.com/lilach-for-work

Enterprise search agent, Microsoft Copilot Studio · City of Nedlands, 2026

Designed, built and deployed an internal AI search agent across the project delivery team. Adopted by around eight users within weeks, reclaiming roughly one hour per user per week from manual document hunting. Self-taught Copilot Studio end to end: connectors, knowledge sources, prompt design and rollout. Also built Power Automate flows that auto-generate tasks from flagged emails.

AI-built actions and risk register, VBA and Excel · City of Nedlands, 2026

Built a macro-driven register that replaced a failing legacy template and is now the team's primary delivery-tracking document, saving roughly two hours per person per week. Used AI as a build partner: iterative prompting,

debugging generated VBA, and codifying reusable patterns. The repo also ships a field guide documenting 23 confirmed AI failure modes and 10 proven strategies drawn from the build.

Code: github.com/adinalieblch/engineering-team-minutes-system

§ PROFESSIONAL EXPERIENCE

Project Manager · City of Nedlands

APR 2025 to PRESENT

- Lead the team's adoption of AI and automation with no formal mandate: designed and deployed the Copilot Studio search agent and the AI-built delivery register now used team-wide.
- Secured IT and Cybersecurity approval to deploy AI capability (Copilot Studio, Power Automate, Microsoft Copilot) by presenting risk and business-case analyses, one approved step at a time.
- Ran an internal discovery on the tendering process, diagnosed that submissions were not comparable, and designed and rolled out a standardised template now used across every project: a discovery, design and adoption cycle.
- Recovered four stalled, funding-at-risk delivery projects within twelve months.
- Author of formal reports for elected members and executives; primary point of contact across clients, contractors, consultants and the public.

Career break

MAY 2024 to APR 2025

A planned break: travelled and reset before returning to work.

Project Delivery Manager · Curtin University

MAY 2022 to MAY 2024

- Argued successfully to change the solution approach on a \$3.5M project, from design-and-construct to construct-only, on the basis of a documented risk and options analysis presented to senior stakeholders. Adopted, and delivered on time and on budget.
- Authored monthly briefings, business cases and funding submissions for the Vice-Chancellor and senior leadership, owning the executive narrative.
- Orchestrated delivery end to end across senior leadership, consultants, contractors and end-user departments.
- Daily power user of TechnologyOne, Australia's largest enterprise ERP, across contracts, budgets, procurement and reporting.

Engineering Project Manager · Main Roads WA

NOV 2020 to NOV 2021

- Ran full client-side procurement on government projects: vendor evaluation, contract negotiation and award.
- Communicated across the full stakeholder spectrum, from ministerial offices and senior executives to contractors, community and media, on politically sensitive work.

Earlier engineering and consultancy career · BG&E, GHD, Jacobs, Aurecon, UK

2012 to 2022

Around six years in design and engineering consultancies, plus client-side and contractor delivery: civil and structural design, project delivery, tender and proposal writing, and construction support. Contributed to infrastructure programs up to \$1B (Gateway WA Alliance).

§ EDUCATION

- Bachelor of Engineering (Civil), University of Western Australia, 2012
- Superintendent's Representative, Contract Management & Pavement Construction, Main Roads WA, 2021
- Introductory Statistics, University of Western Australia, 2018

§ DELIVERY & METHODS

- Project management, Kanban, discovery and requirements
- Options analysis, business cases, proposal writing
- Stakeholder engagement and change management
- Governed, secure delivery in enterprise environments

§ TOOLS & TECHNOLOGIES

AI & Automation: Microsoft Copilot Studio · Power Automate · Claude (Anthropic) · ChatGPT (OpenAI) · LLM APIs · Whisper · retrieval-based AI (RAG) · VBA · prompt engineering · AI safe-use & governance

Cloud & Development: AWS (Lambda) · Python · FastAPI · REST APIs · GitHub · Claude Code

Microsoft & Low-Code: Power Platform · Microsoft 365 · Power BI · SharePoint · Teams

Enterprise SaaS & ERP: TechnologyOne (OneCouncil) · Notion · Confluence · DocuSign