

Tom Sloboda

SENIOR SOFTWARE ENGINEER · POLYGLOT · FULL-STACK · FOUNDER

MSci Artificial Intelligence

Azure AZ-104 · GitHub Actions · Azure DevOps

Integration · Leadership · Full-lifecycle Ownership

Fintech · Housing · Legal · Healthcare

CONTACT

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Fully Remote

GB UK EU EU CH CH ie IE

LANGUAGES

PRIMARY

F# C# TypeScript

STRONG

Java Python VB.NET

Elixir

ALSO

C++ C Delphi Pascal

CORE SKILLS

FUNCTIONAL

F# Elixir Fable/Feliz

Elmish

OBJECT-ORIENTED

C# / .NET Java Spring

VB.NET

FRONT-END

React TypeScript

Tailwind WebSharper

CLOUD & DEVOPS

Azure AZ-104

Azure Pipelines

GitHub Actions Farmer IaC

CI/CD

OBSERVABILITY

Sentry.io

Azure Log Analytics

INTEGRATION & ARCHITECTURE

CQRS Event-driven

PROFILE

Senior software engineer with 10+ years of end-to-end delivery across fintech, housing, legal, and healthcare — and a 20-year coding background spanning procedural (Delphi, Pascal), OOP (C#, Java; SOLID/TDD), and functional (F#, Elixir) paradigms. Known for deep integration work — reverse-engineering legacy systems, building CQRS-driven distributed platforms, and shipping regulated payment and KYC pipelines for UK/US markets. Has owned CI/CD pipelines across GitHub Actions and Azure DevOps, including complex multi-environment deployments to 20+ isolated customer environments. Implements production observability with Sentry.io and Azure Log Analytics as a matter of course. Currently founding an AI-driven marketing-automation platform on an event-driven microservices architecture (TypeScript, Python, PostgreSQL, RabbitMQ). Works best in small, high-ownership teams where engineers ship continuously and own the full software lifecycle.

KEY HIGHLIGHTS

Reverse-engineered legacy housing-management DBs to deliver bidirectional integrations with no available APIs	Built + maintained multi-environment CI/CD pipelines (GitHub Actions & Azure DevOps) targeting 20+ isolated customer environments
Second-most-senior engineer & first-line technical mentor at Housing Insight; drove Azure DevOps migration	Delivered ACH payment processing, Stripe maintenance, and KYC pipelines across UK & US regulated markets
Production observability via Sentry.io and Azure Log Analytics across three consecutive roles	Applied CQRS to a distributed offline-capable mobile platform; pragmatic cost/benefit lens on all integrations
Founder: building event-driven microservices platform (TypeScript, Python, PostgreSQL, RabbitMQ, local LLMs)	Polyglot from Delphi to modern F#/TypeScript — adapts to any team stack without friction

EXPERIENCE

Founder & Lead Developer

2025 - Present

Onboard · Even Better Solutions Ltd Remote, UK

- Sole owner of product, engineering, infrastructure, billing, and customer development — full lifecycle ownership from zero.
- Architecting and building an AI-driven marketing-automation platform on an event-driven microservices architecture: TypeScript, Python, PostgreSQL, RabbitMQ, and locally hosted LLMs.
- Aggregates business contacts from multiple sources and orchestrates personalised outbound campaigns at scale with analytics feedback loops for continuous refinement.
- Pragmatic infrastructure decisions: self-hosted where cloud costs are disproportionate; cloud where operational leverage justifies it.

Software Consultant

Jul 2023 - Jul 2025

Fund Ourselves Ltd Remote, UK

- Built ACH payment processing pipelines for UK and US markets using Checkbook and Plaid, covering happy-path flows, reconciliation, and failure-state handling.
- Implemented Know Your Customer (KYC) verification pipelines for both jurisdictions; redesigned the user check process to improve underwriting signal quality and reduce manual review.
- Maintained and evolved an existing Stripe integration through multiple breaking API changes, preserving payment reliability without disrupting live lending operations.

Microservices RabbitMQ

REST/WCF/SOAP Stripe

Plaid Checkbook

DATA

PostgreSQL MSSQL

Oracle SQL SQLite

EDUCATION

Azure Administrator Associate

Microsoft Certification

AZ-104 · 2023

MSci Artificial Intelligence

University of Aberdeen

2011 - 2017

Intro to Computer Science

Progmeistars, Riga

2005 - 2010

COMMUNITY & LEADERSHIP

Founder — Belfast International Club (30+ weekly attendees)

Founder — Expats & Nomads Meetup, Riga

Volunteer — Anglican Church, Riga

AWARDS

1st — Regional Physics

1st — Regional English

2nd — Regional Maths

2nd — Regional Programming

3rd — Regional Physics (x2)

- Implemented Sentry.io for production error monitoring, improving incident response and observability across the platform.

Software Consultant

Jul 2022 - Jul 2023

Compositional IT Ltd Remote, UK

- Delivered F#/.NET work for a portfolio of high-profile clients — user stories, requirements, rapid prototyping, and demos using XP methodologies.
- Owned Azure cloud deployments end-to-end (AZ-104 certified): infrastructure, pipelines, and release management. Implemented Azure Log Analytics for production observability.
- Authored and presented technical courses; wrote blog posts; maintained F# open-source repos and SAFE Stack recipes.

Senior F# Developer

Oct 2018 - Jul 2022

Housing Insight Ltd Remote, UK

- Second-most-senior engineer on the team and first-line technical mentor; onboarded and upskilled multiple new joiners and drove the company-wide migration from Trello/Bitbucket to Azure DevOps.
- Applied CQRS design to a distributed, offline-capable mobile platform, enabling reliable operation in disconnected housing-management environments.
- Reverse-engineered third-party housing-management database schemas to deliver critical bidirectional integrations where no APIs existed — developing a sharp cost/benefit lens on integration complexity in the process.
- Built and owned CI/CD pipelines (GitHub Actions & Azure DevOps), including a particularly complex pipeline deploying to 20+ isolated, untrusted customer environments — with secrets isolation handled at the build-agent level.
- Implemented Sentry.io for production observability; owned day-to-day development, code review, pre-deployment checks, live deployments, and escalated customer support.
- Built 5+ internal tooling solutions that materially reduced development overhead and shortened release cycles.

Full-stack .NET Developer

Jul 2017 - Oct 2018

File Dynamics Ltd Bristol, UK

- Built and maintained desktop and web apps in C#/.NET (MVC 5) and VB.NET (Web Forms legacy) for legal service providers, the UK's largest private physiotherapy provider, and the NHS.
- Owned greenfield projects from requirements through development to deployment, plus feature work and rebranding on legacy systems.

Java Software Developer

Jul 2016 - Jul 2017

Sword Apak Bristol, UK

- Full-stack work on a wholesale floor-planning finance platform used by tier-1 banks and OEMs: Crédit Agricole, Santander, Toyota, Mazda, Lombard.
- Stack: Java 7, Spring, Hibernate, JSF, Oracle SQL. Revitalised legacy codebase through refactoring, unit tests, and rigorous peer code review with a focus on secure coding and maintainability.

SELECTED PROJECTS

Onboard — Contact Aggregation & LLM Outreach

Python · TypeScript · Local LLMs

Aggregates business contacts from multiple sources and orchestrates locally hosted LLMs for personalised outbound campaigns at scale. Operating under Even Better Solutions Ltd.

Facial Expression Recognition

C++ · OpenCV · Machine Learning

MSci project comparing the predictive accuracy of multiple ML algorithms and their ensembles for facial expression classification. github.com/Tom-Sloboda/FacialExpressions

EchoPlanner

Java · Spring · Genetic Algorithm

Conference planning and scheduling system using a genetic algorithm for smart, constraint-aware auto-scheduling of events and rooms.

SAFE Stack Recipes & F# OSS

F# · .NET · SAFE Stack

Contributed recipes and maintained open-source F# repositories during tenure at Compositional IT; authored technical blog posts and training courses on functional .NET.