

SUMMARY

Full Stack & Cloud Engineer with 5 years shipping production systems end-to-end — React/TypeScript frontends, Python/Node.js backends, and Terraform-managed AWS infrastructure — across fintech, HPC bioinformatics, and multi-tenant SaaS. Core: TypeScript/React, Python/Node.js, AWS (Step Functions, Lambda, Aurora, ECS Fargate), Terraform, CI/CD. Ships fast with an engineered AI workflow — context engineering, custom agent skills, and multi-agent verification.

EXPERIENCE

Sela Cloud · Cloud & Full Stack Engineer (Contractor)

2025 – Present

- ▶ Cut a daily cost-reporting ETL run from ~60 minutes to ~2 minutes by re-architecting a fragile monolithic Lambda into an idempotent, parallelized AWS Step Functions pipeline processing hourly usage records across 20+ Azure Gov client subscriptions — Python Lambda handlers, Aurora PostgreSQL, Terraform-managed QuickSight dashboards, Slack alerting.
- ▶ Decommissioned a legacy AWS account by migrating all production tenant workloads with minimal downtime — Step Functions-orchestrated Aurora cloning across 4 accounts, custom Python cross-account seeding tooling, and automated Route53/Cloud Map DNS cutover — retiring redundant infrastructure for significant recurring infrastructure cost savings.
- ▶ Built three greenfield components of **autoLOTO**, a multi-tenant SaaS replacing a legacy system: the core full-stack app (React Router v7 + shadcn + TRPC + Prisma), a Dagster ETL pipeline migrating ~10 clients off legacy schemas, and a self-service tenant-provisioning hub — shipped via GitHub Actions onto the team's EKS/ArgoCD infrastructure.
- ▶ Solved a known AWS PCS limitation — ephemeral HPC nodes have no persistent user database — without a paid directory service: event-driven Lambda sync between Identity Center and an EBS-backed user registry, provisioned to each Slurm node at boot via Terraform cloud-init.

Plasbit · Full Stack Developer

Jan 2024 – Mar 2025

- ▶ Built a real-time crypto trading platform with WebSocket-driven live price feeds, Redis-cached rate data, and blockchain integrations for wallet and transaction management — Meteor.js + React on AWS EC2/Lambda.
- ▶ Delivered an admin dashboard automating card-management and KYC workflows; introduced CI/CD via Bitbucket Pipelines.

Madlan Localize · Full Stack Developer

Dec 2021 – May 2022

- ▶ Engineered a microservices CRM — Node.js, TypeScript, GraphQL, gRPC/Protobuf typed contracts, Kafka async messaging, MongoDB and PostgreSQL — containerized with Docker and deployed via GitHub Actions CI/CD.

Dygo · Full Stack Developer

Nov 2023 – Jan 2024

- ▶ Built an IoT backend (Node.js + Node-RED on Azure) and a Flutter mobile app for remote management of Raspberry Pi sensor fleets.

Wawiwa · External Studies Institute · Head of Software Program · Fullstack Instructor

May 2022 – Mar 2024

- ▶ Led and taught a year-long MERN-stack program to 25+ students across multiple cohorts; overhauled the curriculum toward project-based learning.

SKILLS

Languages	JavaScript, TypeScript, Python, Bash, HTML/CSS	Cloud — AWS	EC2, Lambda, ECS Fargate, Step Functions, Aurora RDS, S3, ECR, Route53, EventBridge, QuickSight, Secrets Manager, AWS PCS
Frontend	React, React Router v7, Vite, TailwindCSS, shadcn/ui, Ant Design	DevOps & IaC	Terraform, GitHub Actions, Docker, Bitbucket Pipelines, CI/CD
Backend & Data	Node.js, TRPC, Prisma, SQLAlchemy, Dagster, Express.js, Meteor.js, PostgreSQL, MySQL/Aurora RDS, MongoDB, Redis	APIs & Messaging	REST, GraphQL, gRPC, Protobuf, Kafka, WebSockets
AI-Assisted Workflow	Claude Code, GitHub Copilot; context engineering (lazy-loaded, indexed, DRY doc systems), custom agent skills & MCP tooling, multi-agent plan-and-verify workflows		

EDUCATION

Kinneret Academic College — BSc. Energy Engineering 2016–2020 · GPA 92/100 · Academic Excellence Award (×2)
Experis Bootcamp — Fullstack Development (MERN Stack) 2021