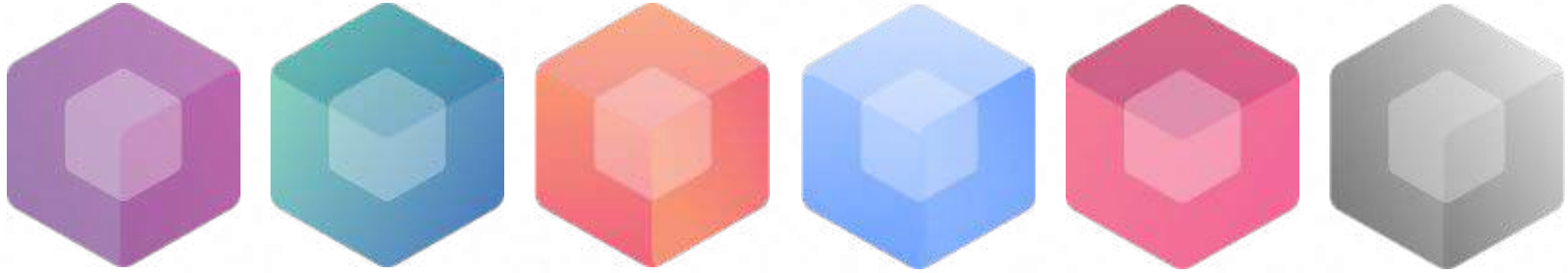


Business Portfolio Overview

Peter Lomenzo (CEO)

June 2026



Mission

Our main objective is to help businesses, whether a startup or a well established business, to address their technical needs. We want to be an enabler and a technical arm for these businesses.



Overview

Rover Engineering has the expertise and experience to support you.

UK & Europe

Serving organisations across the UK and Europe with scalable, AI-enabled transformation solutions.

Proven Track Record

With over a decade of experience, we have successfully delivered technology solutions across diverse industries, functions, and business models.



Leadership

Our leadership team brings proven delivery excellence across enterprise and growth-stage businesses in B2E, B2B, and B2C environments.

Partnerships

We build strong, collaborative partnerships — working closely with clients and ecosystem partners to create sustainable, long-term value.





Peter Lomenzo
CEO

Peter Lomenzo

Peter brings over 30 years of experience spanning various industries and company sizes. Peter's expertise lies in identifying and addressing the root causes of stagnation, enabling organizations to break free from inertia and gain the momentum needed to achieve their goals.

Peter has worked with global giants such as Amazon, Accenture, and Citi, as well as with nimble startups. Peter has an expertly honed ability to adapt to diverse corporate cultures and navigate complex challenges. This versatility, coupled with his technical acumen and service-oriented mindset, allows him to bridge the gap between technology and business.



Our Specialization

Our primary objective is to help businesses—whether startups or well-established companies—address their technical needs. We aim to be a catalyst and a trusted technical partner for these organizations.



AI and More

- Machine Learning
- Computer Vision
- Neural Networks
- Generative AI
- ERP
- CRM
- BI



Concept to Execution

- Project Management
- System Analysis
- UX Design
- UI Design
- UI Development
- Frontend Development
- Backend Development
- DevOps
- Quality Assurance



Our Valued Clients

A glimpse into the companies we proudly collaborate with.



GPTSQUADS



Rover Engineering

Industries & Functions Delivered



Motorcycle Industry

Delivered eCommerce solutions, reservation systems, CRM platforms, mobile applications, admin portals, business process automation and management, and SEO services.



EAGLERIDER
RENTALS + TOURS



News and Sports Apps

Delivered news aggregator platforms and sports applications.



Health care

Delivered patient records management, project management solutions, data governance frameworks, and medical imaging systems.



Other sectors

Delivered solutions in group buying, fitness, social shopping, news, real estate, and medical imaging. Example businesses: iTwango, FitMingle, Tisket, YouBlab, Proper, GPTSquads.

FOUNDER
COLLECTIVE

GPTSQUADS



Projects and Capabilities Delivered

Below are the categories of projects and capabilities we have successfully delivered, along with selected examples.



Customer Interactions

ChatBots, Reservation Modules, and CRM System



Operational Efficiency

Configuration tools, database management, and contracts management



eCommerce

eCommerce Portals, Finance management, Billing and Invoice system management, and SEO



Service and Fleet Management

Service modules, Availability management modules



Payment Systems

Payment processing integrations. Payout system integrations



Business Tools

Reporting modules, pricing modules, price yield modules



Healthcare Systems & Enterprise Platform Capabilities

Overview of key platform categories, delivered capabilities, and core technology stacks.

Category	Key Capabilities & Impact	Dominant Tech Stack Highlights
 Healthcare systems	HIPAA-compliant platforms including Patient Intake, Cost Transparency, Telemedicine, and Clinical Intelligence. Multi-portal architectures, AI/LLM-assisted diagnosis, OCR document extraction, LLM-powered clinical reasoning, and automated documentation.	React Native · React 19 · Rails 8 · Node.js · Express 5 · NestJS · PostgreSQL · AWS (ECS, Cognito, S3, Textract) · Azure · LangChain · LangSmith · OpenSearch · Terraform · Aptible
 Specialized platforms	Enterprise systems including White Label Mobile (multi-tenant, single codebase), Knowledge Assistant RAG (serverless AI Q&A with source attribution), Content Creation, Online Catalog Management, and Learning Experience with AI coaching and real-time progress tracking.	React Native · Elixir · Phoenix LiveView · Django · Gatsby · GraphQL (Apollo) · Azure Functions · Cosmos DB (Vector Search) · OpenAI (GPT-4o-mini, GPT-4V) · Anthropic · AWS · Firebase · CircleCI · Fastlane
 Analytics & benchmarking	Enterprise analytics dashboard with 16+ interactive chart visualisations, AI-powered Q&A integration, Azure B2C enterprise authentication, and portfolio company performance benchmarking against industry peers.	React 18 · TypeScript · Redux Toolkit · Chart.js · Azure B2C (MSAL) · Vercel Serverless · Statsig · Salesforce · @react-pdf/renderer



Project Examples



Logio – PM Tool with Jira Integrations

Built an internal performance platform centralizing Jira data with AI-generated executive insights and risk detection.



Benefit

Enhanced delivery visibility and executive-level project insights



Platform

AI-powered Jira analytics dashboard with performance tracking



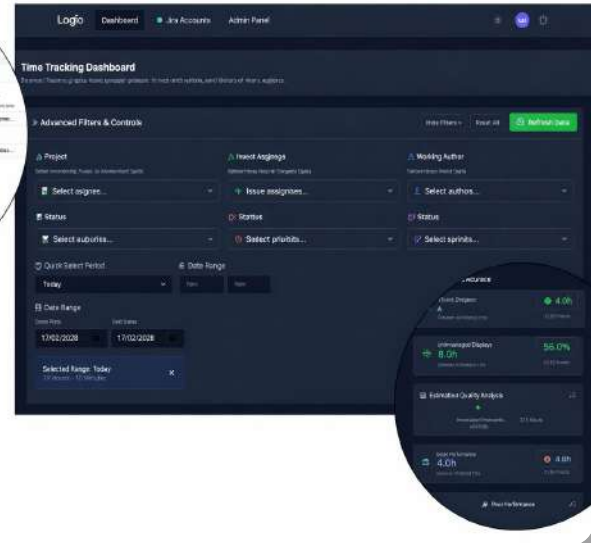
Role

Product Design, Backend & Frontend Development, AI Integration



Tools

React, TailwindCSS, Ruby on Rails, PostgreSQL, Azure OpenAI, Gemini, Jira API



Calendar Sync

Built a configurable calendar synchronization platform supporting multi-user environments and rule-based scheduling automation.



Benefit

Automated scheduling and improved cross-team coordination



Platform

Cloud-native calendar sync engine with rule configuration



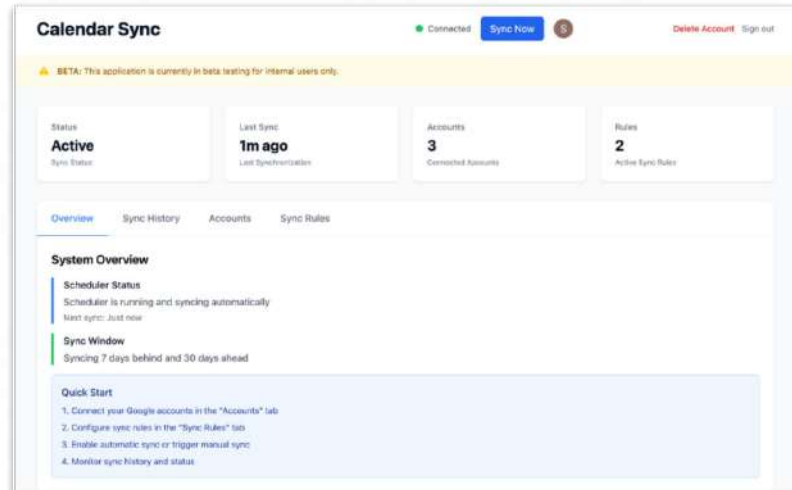
Role

Backend Engineering, API Integration,
Cloud Deployment



Tools

FastAPI, Google Calendar API,
Terraform, Docker, IONOS Cloud



Patient Intake Platform

Built a HIPAA-compliant intake management system for a multi-facility healthcare provider, featuring client-facing application portals, document signing, and internal processing workflows.



Benefit

Streamlined patient intake and reduced administrative processing time



Platform

Cloud-based web and mobile platform



Role

Full lifecycle



Tools

Azure (App Service, SQL Database, Blob Storage),
React Native, SendGrid, DocuSign

The screenshot shows the 'Wellness Intakes' web application. At the top, there's a header with the logo and the user name 'Jenny Smith'. A sidebar on the left contains navigation links: Home, Manage Intakes (active), Appointments, Messaging, and Reports. The main content area is titled 'Manage Intakes for all locations' and features a search bar, a filter dropdown set to 'Upcoming', and a 'High Priority' button. Below this is a table with columns for First Name, Last Name, DOB, Insurance, and Appt Time. The table lists 13 patients. On the right side of the table, there are three summary cards: '3 Urgent Intakes', '5 Pending Signatures', and '9 Upcoming Appointments'. At the bottom right, there is a card showing '7 Documents Ready'.

First Name	Last Name	DOB	Insurance	Appt Time
Sarah	Jenkins	12/06/1999	Blue Peak Health	08:30
Robert	Chen	08/08/1974	Sterling Care	09:15
Maria	Garcia	06/11/1996	Horizon Mutual	10:00
David	Smith	02/15/1996	Atlas Insurance	10:30
Aleha	Khan	12/10/1999	Omni Benefits	11:00
Aleha	Martin	12/10/1990	UnitedCare	12:00
Maria	Marina	06/11/1996	Paramount Health	12:30
Robert	Jenkins	02/00/1996	Apex Insurers	13:00
Robert	Garcia	08/12/1996	Keystone Shield	13:15
David	Smith	06/12/1999	Vantage Plans	16:00
Sarah	Klay	02/25/1996	Prime Insurance	17:30
John	Mashina	07/28/1999	CarePoint Plus	17:30



Healthcare Cost Transparency Platform

Developed a HIPAA-compliant full-stack provider search and cost transparency platform with OpenSearch-powered discovery, member portals, and cost data pipelines processing machine-readable files from major payers.



Benefit

Empowered members with transparent healthcare cost and provider information



Platform

Web application with API and data pipeline infrastructure



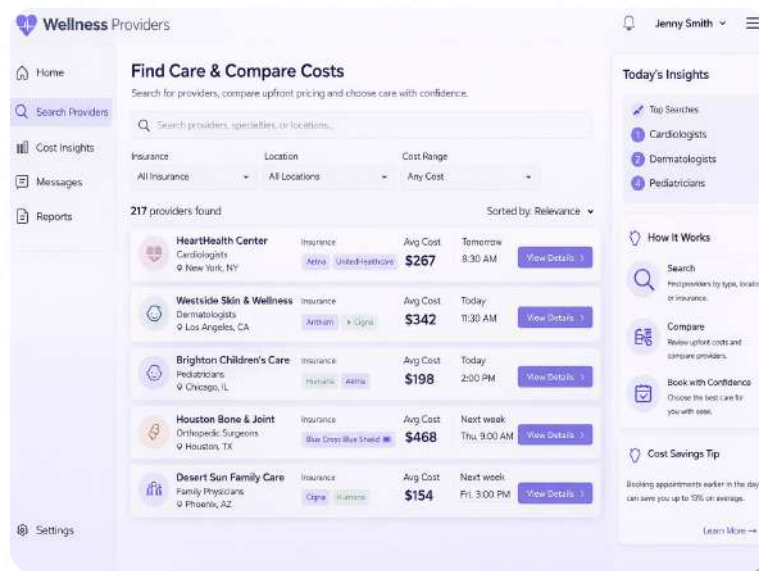
Role

Full lifecycle



Tools

Ruby on Rails 8, React 19, TypeScript, PostgreSQL, OpenSearch, AWS (ECS, RDS, Cognito, Lambda), Terraform, Kamal



Telemedicine Consultation Platform

Built a HIPAA-compliant full-stack telemedicine platform connecting patients with providers through a multi-portal architecture, featuring AI-assisted diagnosis, guided photo capture, and treatment plan building.



Benefit

Expanded access to remote care with an intuitive, clinically robust platform



Platform

Multi-portal web application (patient, provider, admin)



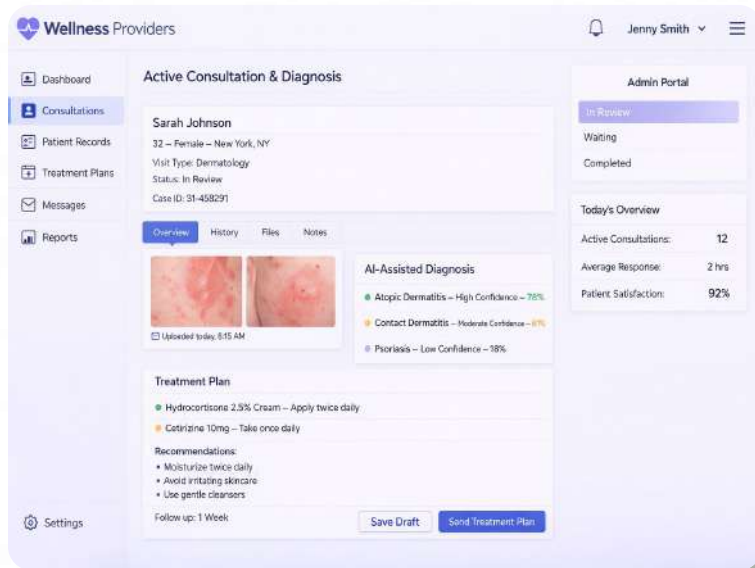
Role

Full lifecycle



Tools

Node.js, Express 5, React 19, TypeScript, PostgreSQL, TypeORM, AWS (Cognito, S3), Stripe, Aptible, Terraform



Clinical Intelligence Platform

Developed a HIPAA-compliant AI-assisted clinical decision support PWA for clinicians, featuring real-time eligibility determination, AI-driven document extraction via OCR, LLM-powered clinical reasoning, and automated documentation generation.



Benefit

Reduced clinical documentation burden and improved decision accuracy



Platform

Progressive Web Application (PWA) for clinical use



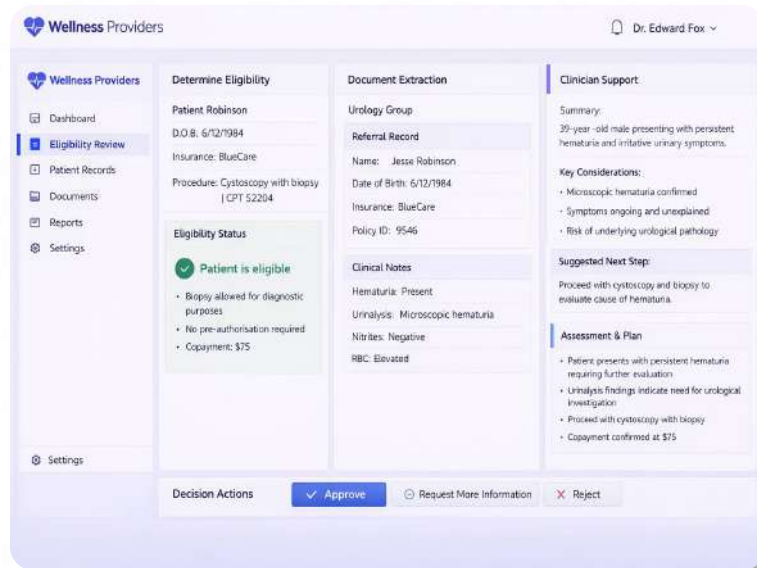
Role

Full lifecycle, AI Architecture, System Integration



Tools

NestJS, TypeScript, React, React Native (PWA), PostgreSQL, AWS (Cognito, S3, Textract), LangChain, LangSmith, Redis



White Label Mobile App Platform

Built a multi-tenant white-label mobile architecture supporting multiple branded app variants from a single codebase, with a configurable theme system and automated CI/CD for App Store and Play Store deployment.



Benefit

Reduced development overhead while enabling scalable multi-brand mobile delivery



Platform

Cross-platform mobile application (iOS & Android)



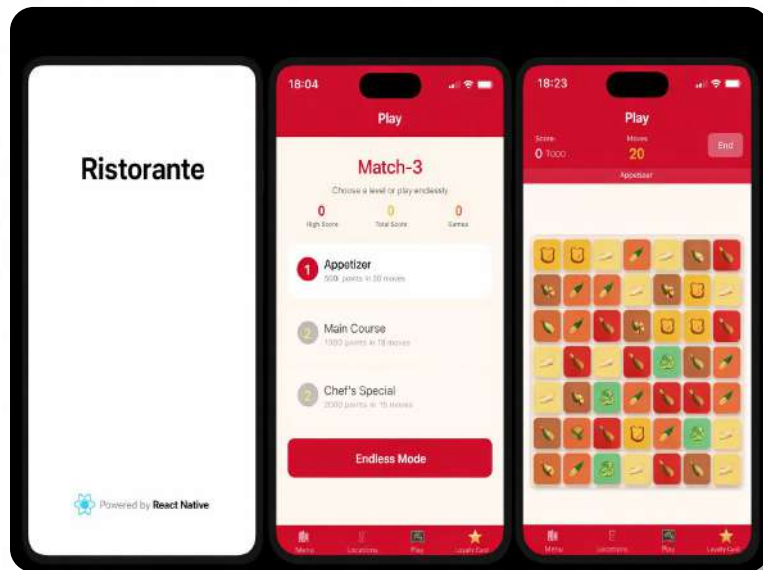
Role

Mobile Architecture, CI/CD Automation, DevOps



Tools

React Native, iOS, Android, CircleCI, Fastlane



Flixtr

Built a React Native mobile app for discovering, rating, and sharing books, films, TV shows, and audiobooks, featuring AI-powered search, smart image cropping, and a daily auto-curated catalogue of trending titles.



Benefit

Improves content discovery and user engagement through intelligent search, automated catalogue curation, and a polished mobile user experience.



Platform

Cross-platform mobile application, available on the App Store.



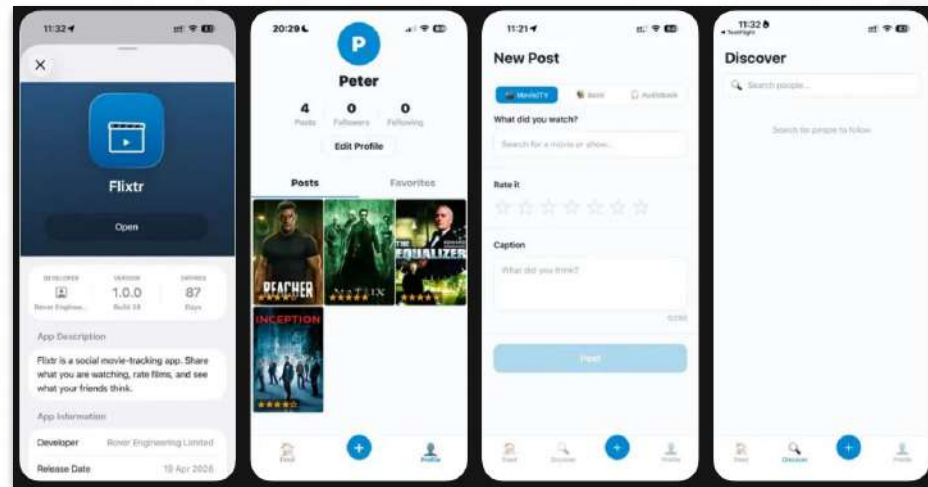
Role

Mobile app development, AI feature integration, backend/API development, cloud deployment, and test automation.



Tools

React Native, Anthropic Claude API, Cloudflare Workers, D1, R2, Maestro, Jest.



Knowledge Assistant RAG

Developed a serverless AI-powered Q&A system for enterprise knowledge management, retrieving and synthesising information from curated sources including PDFs, figures, tables, and Q&A pairs, with full source attribution and admin portals for content management and conversation monitoring.



Benefit

Improved enterprise knowledge accessibility and reduced time spent searching for information



Platform

Serverless RAG platform with admin portals



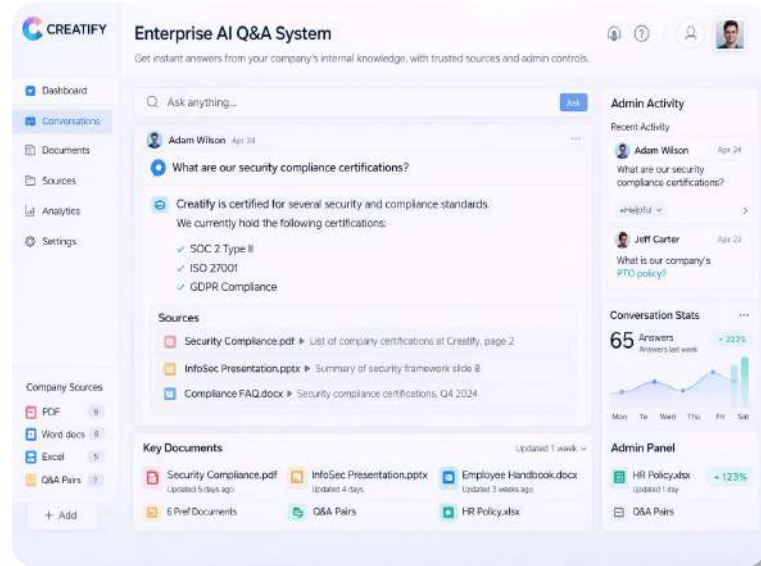
Role

AI Architecture, Backend Engineering, DevOps



Tools

Azure Functions, Cosmos DB (Vector Search), OpenAI (GPT-4o-mini, GPT-4V), Anthropic, Node.js, Bicep IaC



Content Creation Platform

Delivered an end-to-end mobile and web platform for content creators, supporting social account linking, content submission, payment processing, approvals, scheduling, and performance analytics.



Benefit

Streamlined the full content creation and monetisation workflow



Platform

Mobile and web application with creator and admin portals



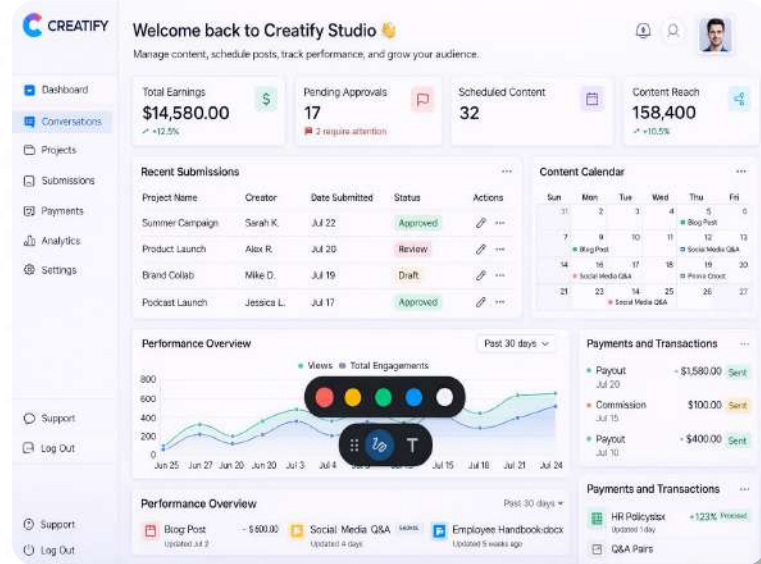
Role

Full lifecycle



Tools

Django, Celery, PostgreSQL, Expo (React Native), React, TypeScript, AWS (ECS, RDS, Lambda, Amplify), Terraform, Stripe



Online Catalog Management Platform

Built a full-stack platform for online catalog management featuring Gatsby-powered portals and microsites for browsing item catalogs and event schedules, with a serverless GraphQL API for operations, payments, and CRM integrations.



Benefit

Enhanced catalog discoverability and streamlined operational management



Platform

Gatsby-powered web portals with serverless API backend



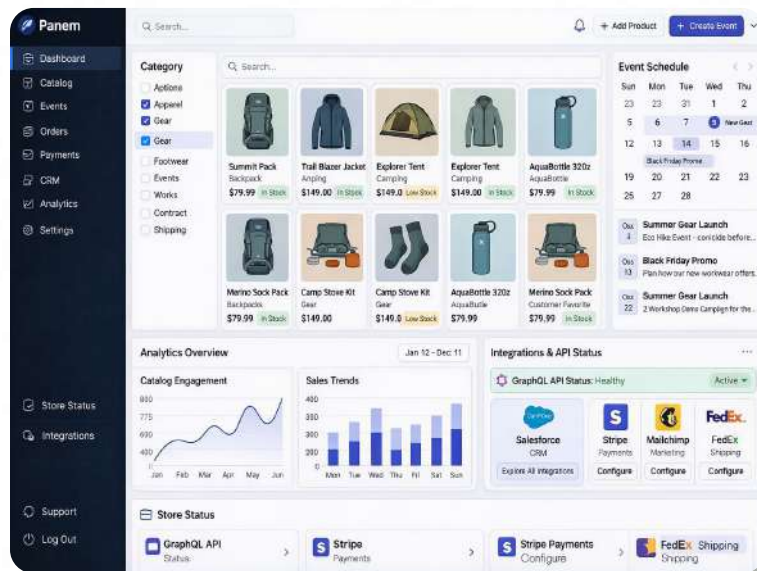
Role

Full lifecycle



Tools

Node.js, TypeScript, Gatsby, GraphQL (Apollo), AWS (Lambda, S3, SQS, Step Functions), Contentful, Algolia, Auth0, Stripe, Salesforce



Learning Experience Platform

Developed a full-stack corporate learning and development platform with a Phoenix LiveView portal for program management and content authoring, and a React Native mobile app for learner engagement featuring AI coaching, real-time progress tracking, and interactive assessments.



Benefit

Elevated corporate learning engagement and programme completion rates



Platform

Web portal and mobile application



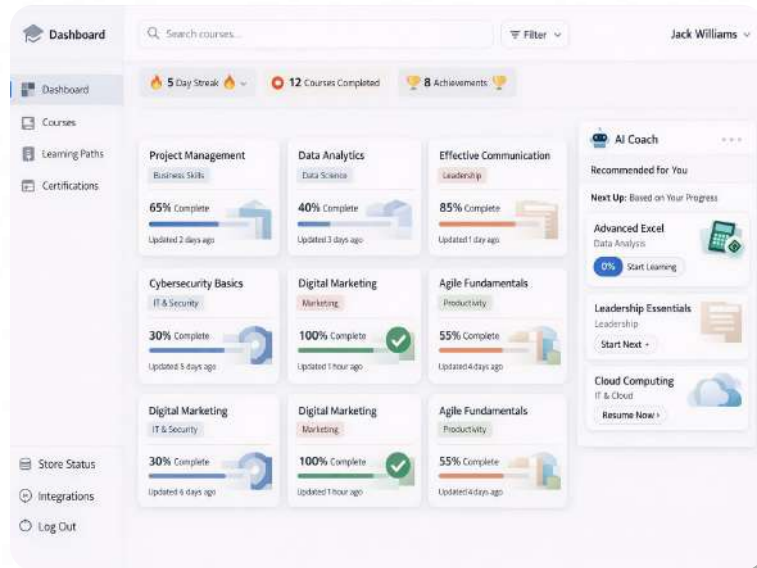
Role

Full lifecycle



Tools

Elixir, Phoenix LiveView, React Native, TypeScript, PostgreSQL, AWS S3, Firebase, Oban, DocuSign, Azure Language Service



Benchmarking & Analytical Platform

Built an analytics dashboard enabling companies to benchmark their performance against industry peers, featuring 16+ interactive chart visualisations, enterprise authentication, AI-powered Q&A integration, and portfolio company data management.



Benefit

Delivered actionable competitive intelligence through data-driven benchmarking



Platform

Analytics web application with enterprise authentication



Role

Full lifecycle, AI Integration



Tools

React 18, TypeScript, Redux Toolkit, Chart.js, Azure B2C (MSAL), Vercel Serverless, Statsig, Salesforce, @react-pdf/renderer



Sheep!

Mobile application designed for sheep farmers to track breeding activity, lambing records, and flock performance throughout the season using automated calculations and visual analytics.



Benefit

Simplifies flock breeding management with centralized tracking and automated insights.



Platform

Mobile flock management app for breeding activity, lambing records, and flock analytics.



Role

Mobile development, data architecture, analytics visualisation, and device-to-device data sharing.



Tools

React Native CLI, TypeScript, SQLite, Zustand, React Query, NativeWind (Tailwind CSS), React Navigation, Reanimated



The Kitchen Sink

Built a mobile application combining geolocation tools with AI-powered environmental logging features.



Benefit

Delivered consolidated utility features within a single scalable platform



Platform

Location-aware AI mobile application



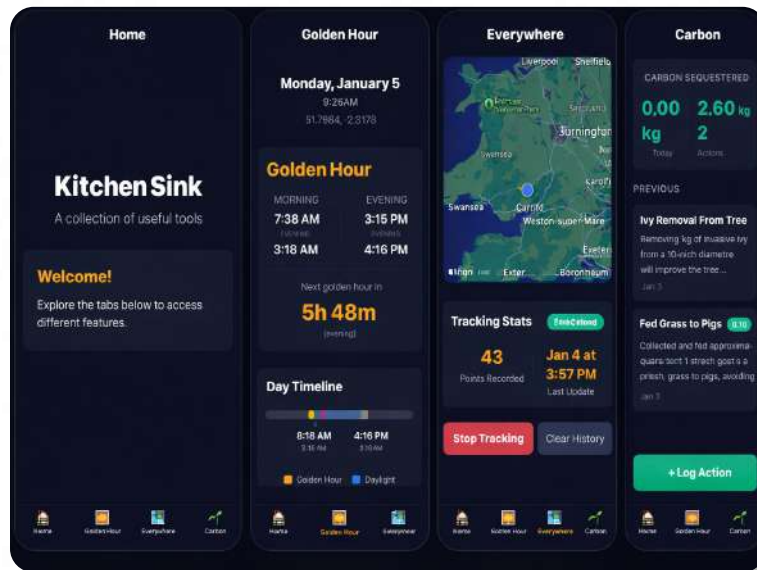
Role

Mobile Architecture, AI Integration, Geolocation Systems



Tools

React Native (Expo), TypeScript, Anthropic Claude API, Maps API



Too Many Tomatoes

Developed a mobile journaling application with AI-powered plant image analysis and seed packet scanning.



Benefit

Enhanced user engagement through
AI-assisted tracking



Platform

Mobile-first AI journaling application
with in-app monetisation



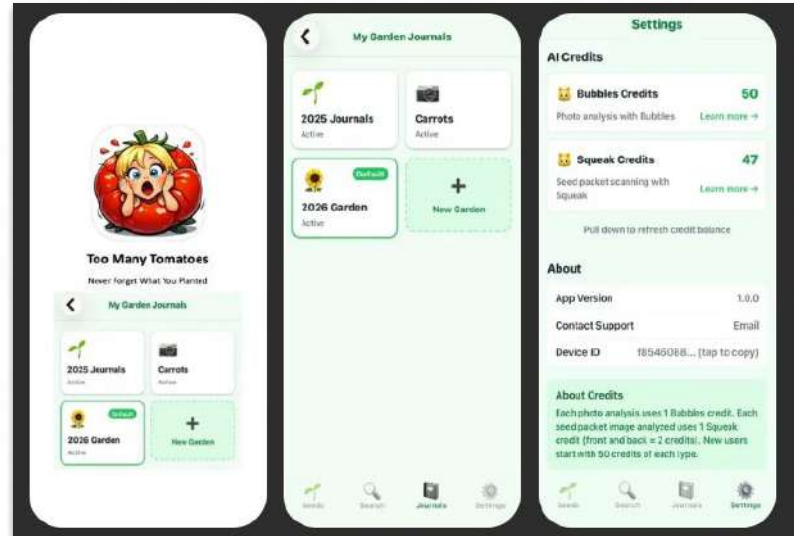
Role

Mobile Development, AI Integration,
Backend Engineering



Tools

React Native, FastAPI, Anthropic
Claude API, Firebase, StoreKit 2



Rover Planet

Developed a SwiftUI-based mobile application delivering sustainable lifestyle content with push notification integration.



Benefit

Improved user engagement and native mobile performance



Platform

iOS content distribution app integrated with WordPress



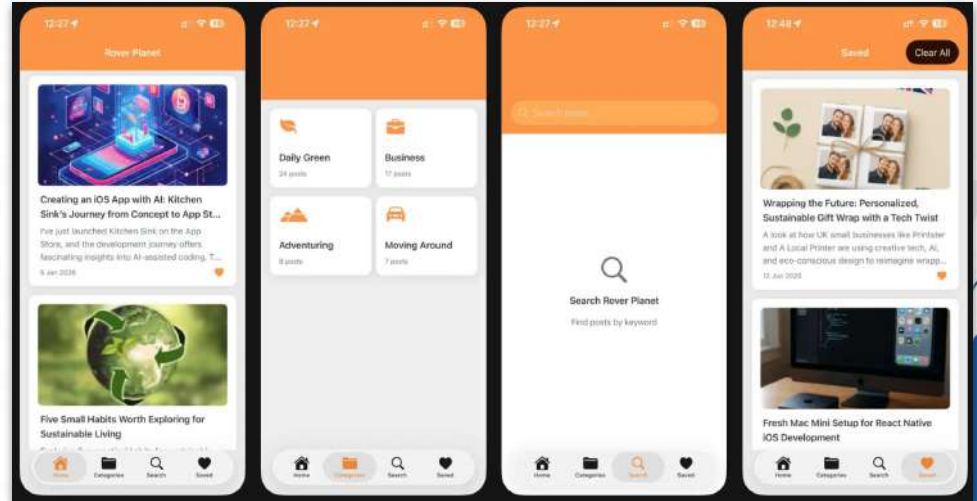
Role

iOS Development, Backend Integration, CI/CD Automation



Tools

SwiftUI, WordPress REST API, Firebase, Fastlane



WordPress Multi-Site Consolidation

Migrated three production WordPress sites (Rover Engineering, Rover Planet, USYTech) from separate AWS Lightsail instances onto a single, per-tenant IONOS Cloud environment with isolated hosting, automated backups, and repeatable onboarding.



Benefit

Business-user friendly hosting with a repeatable 30-minute onboarding for new sites



Platform

Consolidated multi-tenant WordPress hosting on IONOS Cloud



Role

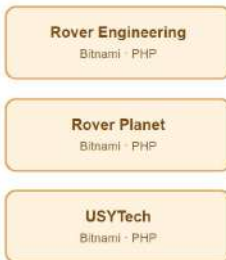
Infrastructure Migration, DevOps, Automated Testing



Tools

IONOS Cloud (Cube S), Plesk Web Pro, Duplicator, Playwright, IONOS Object Storage, Let's Encrypt

AWS Lightsail (3 instances)



Migrated

IONOS Cloud — 1 Cube S



"Thank you for your time!"

"We appreciate your interest and look forward to a successful future partnership."



Rover Engineering