Gabirieli Lalasava

Senior Full Stack Engineer
San Diego, CA | +1 323 454 3430 | bucabay@gmail.com
linkedin.com/in/bucabay | github.com/bucabay | gabe.mailkite.dev

Professional Summary

Senior full stack engineer with 15+ years building customer-facing platforms, backend services, and developer-facing APIs. Founded Seedess, a peer-to-peer video streaming network and CDN, and cut streaming delivery costs by up to 70%. Deep hands-on work in React, TypeScript, Node.js, and Python across cloud infrastructure, identity and access, realtime systems, and platform APIs. Leads teams that ship scalable applications and reliable production systems.

Technical Skills

Programming: TypeScript, JavaScript, Python, PHP, Java, SQL
Frontend: React, Next.js (App Router, React Server Components), React Native, Vue.js, Angular, MobX, MUI, Tailwind CSS, HTML, CSS
Backend: Node.js, Express, REST APIs, backend services, microservices, API gateways, OAuth, JWT, session authentication
Data: PostgreSQL, Prisma, MySQL, Redis, PostgREST, Apache Solr, Cloudflare D1, Cloudflare R2
Cloud & platform: Cloudflare Workers, Durable Objects, AWS, Google Cloud, Docker, CI/CD, Nginx, Memcached, Linux, Sentry
Video & realtime: video infrastructure, video streaming, peer-to-peer streaming, CDN, BitTorrent, MQTT, Redis pub/sub, WebSockets
Practices: technical leadership, product development, system design, monitoring and observability, multi-tenant security, RBAC, ACL, TDD, BDD, code review, agile

Professional Experience

Lead Developer, HardRoad (formerly Treks)

San Diego, CA | 2018 - 2026

- Led a team building React and MobX productivity tools and Node.js/Express microservices, providing technical leadership across sprint planning, daily standups, and roadmap discussions.
- Engineered React front-end applications with Next.js App Router, React Server Components, TypeScript, and MUI.
- Designed REST APIs with Node.js, Express, and Prisma over PostgreSQL, generating typed Prisma Client models from the schema to keep referential integrity at the database boundary.
- Implemented identity and account management with token- and session-based authentication, JWT, and OAuth flows.
- Shipped realtime sync with MQTT and Redis, running Docker containers on Google Cloud.
- Owned API gateway configuration and service-boundary security under change controls comparable to SOC 2 requirements.
- Released production changes through CI/CD with Git, pull requests, and code review, and monitored uptime and errors with Sentry.

Mobile App Developer, Hectare

London, UK | 2017 - 2018

- Developed React Native apps for iOS and Android against a search index of 75,000 farmers.
- Published SellMyLivestock to the Apple App Store and Google Play.

Software Mentor, Thinkful

San Francisco, CA | 2016 - 2018

- Mentored 100+ developers through daily video sessions and pair coding.
- Taught advanced Node.js, Angular, React, and JavaScript, earning a 5.0-star rating across mentees.
- Guided mentees into software engineering roles.

React Developer, Factmata (Google-backed startup)
San Francisco, CA | 2017 - 2017

- Launched the MVP of a fact-checking Chrome extension in React, reaching market in three months.
- Created a REST API backend in Python with HUG.
- Configured Gulp and webpack builds for ES6 modules.

Principal UI Developer, HP
San Francisco, CA | 2014 - 2015

- Built the UI for HP TorQue Cloud Server with Node.js, jQuery, Bootstrap, AngularJS, and CoffeeScript.
- Integrated Java backend services into the interface.

Web Developer, Walt Disney
Celebration, FL | 2011 - 2012

- Contributed to a 50+ person engineering organization across cross-functional Agile teams.
- Maintained test-driven development with 98% test coverage.

Software Consultant, Beckman Coulter
Kendall, FL | 2010 - 2010

- Produced an intranet, document management system, and CMS for the Cellular Analysis Business Group.
- Wrote unit tests and documentation for QA, improving the software development lifecycle.

Lead Developer, Brilliance
West Palm Beach, FL | 2010 - 2010

- Directed development of a multiserver ecommerce platform with Nginx reverse proxy and Memcached caching.
- Added Apache Solr faceted search, contributing to a 20x sales increase.

Founder and Lead Developer, Fiji Web Design
Suva, Fiji | 2003 - 2010

- Grew a web consultancy to four developers, winning clients including Vonage and US government agencies.
- Wrote PHP/MySQL backends and SOAP, REST, and JSON web services.
- Deployed DNS, web, email, and instant messaging servers.

Education

Bachelor of Computer Science, Clark College, WA, USA | 2001 - 2002
Bachelor of Computer Science, Fiji Institute of Technology (FIT), Fiji | 1998 - 2001
Certificate in Lab Technology, Fiji Institute of Technology (FIT), Fiji | 1998 - 1999

Languages

English (fluent), Fijian (fluent), Spanish (intermediate)

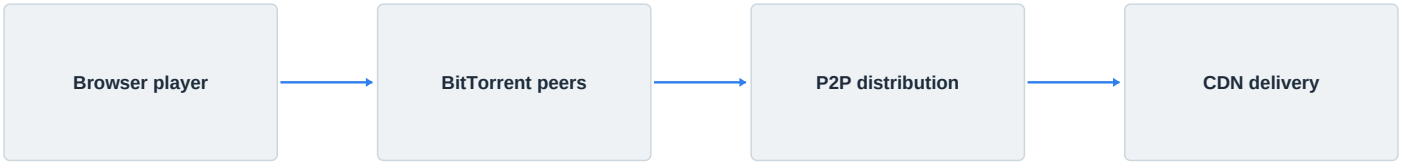
Projects

Seedess

Founder | 2018 - 2020 | seedess.com

Video technology platform: peer-to-peer streaming network and CDN

up to 70%	P2P	2018-2020
lower streaming cost	browser-native delivery	built and run solo



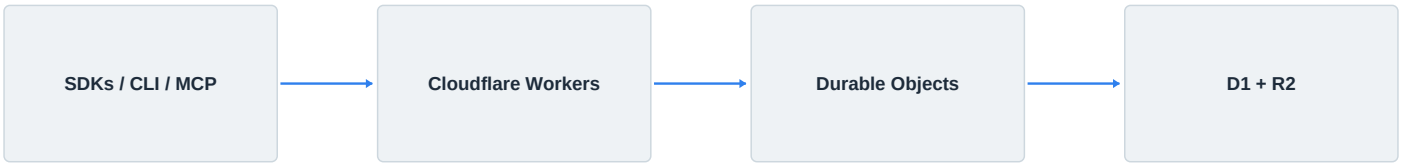
- Founded a video infrastructure company: a customer-facing peer-to-peer streaming network and CDN.
- Built browser-native BitTorrent streaming and the delivery network end to end.
- Monetized the network with blockchain contracts.
- Cut streaming costs by up to 70% through peer-to-peer distribution.

MailKite

Founder | 2026 - Present | mailkite.dev

Transactional, inbound, and notification email API for developers and AI agents

1M+	6	D1 + R2
emails per day	SDK languages	per-tenant data



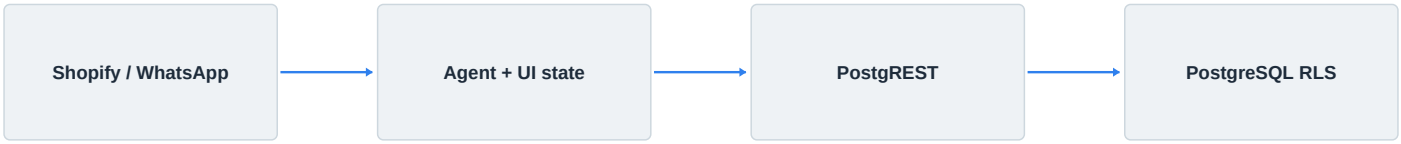
- Shipped a transactional email API with SDKs in six languages, an MCP server, Agent Skills and a CLI.
- Architected scalable platform infrastructure on Cloudflare Workers and Durable Objects serving over one million emails daily.
- Isolated tenants with per-tenant D1 databases, storing email bodies in R2.
- Scoped agent access with short-lived OAuth tokens and schema-based ACLs.
- Automated error investigation with agents that validate fixes in WebAssembly sandboxes and open pull requests.

SendHub.ai

Founder | 2025 - Present | sendhub.ai

AI-powered WhatsApp and Shopify support platform

2	RLS	UI + API
WhatsApp channels	row-level security	agent surface



- Built an AI-powered support platform for Shopify storefronts and the dashboard.
- Connected personal WhatsApp servers and WhatsApp Business as separate channels.
- Gave agents full UI state and application methods to navigate the interface.
- Enforced access with Docker-hosted PostgREST and PostgreSQL row-level security.