ERIK MICHAELSON

Brooklyn, New York ◇ erik.michaelson@gmail.com ◇ erikmichaelson.com

SUMMARY

Senior product engineer with 12 years building business-critical systems at early-stage companies. Owns payments, integrations, migrations, APIs, infrastructure, and product UI from design through production.

EXPERIENCE

Sunbound — *payments platform for senior care* 2024–Present
Senior Software Engineer · 3rd engineer · Pod lead

- **Reconciliation:** Batch ingestion and reconciliation pipelines (CSV/PDF import, account matching, reporting) coordinating DynamoDB, MySQL, and payment-processor data, with multi-step resolve/commit and recoverable failure states
- **Payments reliability:** ACH lifecycle state machine and canonical returns reference (NACHA R-codes, timing windows); auditable success/failure/retry when processor webhooks are late or missing
- **Developer leverage:** Cut CI from ∼30m → ∼5m on every run; reduced Lambda bundles ∼30MB → ∼3MB
- **Leadership:** Scoped pod delivery, mentored engineers, and led technical interviewing

Vitally — *customer success platform* 2018–2023
Senior Software Engineer · Employee #1 · through Series B

- **Integrations:** Billing, CRM, and warehouse integrations (Chargebee, HubSpot, Zendesk; later BigQuery, Snowflake, Outlook): sync architecture, idempotency, retries, and failure handling
- **Public platform:** Designed and shipped Vitally.js, the public SDK customers embed to send product data; API surface, docs, and versioning
- **Migration:** Led user-data / product-event ingress from PostgreSQL to DynamoDB; redesigned models and access patterns with zero customer-facing downtime

Pathgather — *enterprise learning platform* 2015–2018
Senior Front-End Engineer

- Drove AngularJS/CoffeeScript → React/Relay/TypeScript; built GraphQL→TypeScript codegen and a multi-tenant branded email templating microservice (React/Node)

MetaCommunications 2013–2015
JavaScript Engineer

- Full-stack JavaScript on proprietary stacks; shipped a Node service integrating a recurring billing provider API

SKILLS

TypeScript/JavaScript, Node.js, React; AWS (Lambda, DynamoDB, SQS, S3, CDK); PostgreSQL/MySQL, GraphQL
Payments & integrations: ACH/NACHA flows, idempotent sync, webhook recovery, public SDKs

EDUCATION

University of Iowa — B.A. Computer Science; minors in Music and Film *2013*