

Carl Barrdahl

Senior Fullstack & AI Engineer

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SUMMARY

Senior fullstack & AI engineer with ~12 years' experience who owns products end to end, from the first conversation to production. Works in TypeScript, React, and Next.js, and is comfortable across design, data model, and infrastructure. Has shipped several products of his own (Svarar Alltid, Memosay, Stadsvision) and led engineering on an open-source funding platform used to distribute ~\$3.5M. Based in Gothenburg.

KEY ACHIEVEMENTS

- Engineering lead on EasyRetroPGF, an open-source funding platform used by Celo and Filecoin to distribute 250,000 CELO and ~1.05M FIL (on the order of \$3.5M) across ~290 projects.
- Built Svarar Alltid from zero to a live pilot that captured 58 qualified leads and handled 189 conversations from 134 callers in its first three months.
- Designed and shipped multiple products end to end as a solo builder: Memosay (a meeting-notes PWA with real-time transcription) and Stadsvision (AI street-visualization app for citizen urban proposals).
- Sole author of two Ethereum standards, ERC-8185 (Off-Chain Entity Registry) and ERC-8186 (Identity Account), both Standards Track drafts (2026).

SKILLS

Languages: TypeScript, JavaScript, Solidity

Frontend: React, Next.js, HTML, CSS, Tailwind, shadcn/ui

Backend / APIs: Node.js, tRPC, REST, GraphQL, API and SDK design, webhooks, system architecture

Integrations: Stripe (Connect, Identity), Shopify, Google/Microsoft OAuth, WebSockets

Data: PostgreSQL, Supabase, Firestore, MongoDB, Prisma, Drizzle

Cloud: GCP, Vercel, Fly.io, Railway

AI: AI agents (Mastra, Vercel AI SDK), Claude and other LLM APIs, multi-agent pipelines, real-time voice/transcription, multimodal

EXPERIENCE

Svarar Alltid (svararalltid.se) — Founder & Fullstack & AI Engineer

2026-Present · Gothenburg

- Built an AI receptionist for Swedish tradespeople that turns missed calls into qualified, urgency-sorted leads over SMS (TypeScript, Next.js, Mastra).
- Live pilot with 4 businesses: recovered 58 qualified leads from real inbound calls, with 189 SMS conversations from 134 unique callers in the first three months.

Independent / Zephyr Valley AB — Senior Fullstack & AI Engineer

2020-Present · Gothenburg

- Built integration-heavy products for clients and own ventures, owning each from design to deploy: commerce and POS builds on Shopify (custom app) and Stripe (Connect, Identity), fullstack MVPs in Next.js, tRPC, Prisma, Supabase.
- Delivered financial-platform front ends from Figma designs (Next.js, shadcn/ui) and shipped product experiments of his own, including SquareVote (quadratic voting), Qumin (digital queue management), and Swisher (a menu builder for the Swedish payment app Swish).

DeepGov — Fullstack & AI Engineer (research project)

2025

- As part of a small research team, built an AI multi-agent pipeline that scores funding applications against configurable criteria and produces structured assessments, deployed for Gitcoin's GG23 round to assist human reviewers rather than replace them.
- With the same team, won GovTech Bhutan, the country's first international hackathon (backed by the Ethereum Foundation), with an AI citizen-survey app built on national digital identity.

EasyRetroPGF (Gitcoin, Rapid Prototyping Pod) — Engineering Lead

Sep 2023-Sep 2024

- Built an open-source funding-distribution platform end to end (Next.js, Prisma, Postgres), including its Solidity distribution contract (a custom Allo v2 strategy), from an Optimism RFP win to production adoption by Celo and Filecoin across multiple funding rounds.

Evolve Technology — Full-Stack Developer (consultant)

2018-2019 · Gothenburg

- Built an e-health video-call platform (mobile + admin) on AWS Serverless, MongoDB, and BankID, plus a real-time emergency-dispatch map (React + WebSockets).
- Client placements via Evolve: at Adfenix (real-estate adtech), built a new front end (Next.js, Apollo, GraphQL), an embeddable analytics widget, and a multi-step campaign configurator; at Forsman & Bodenfors, built the IKEA Family check-in PWA with offline request queueing and camera barcode scanning.

Earlier roles

2012-2018

- Consultant at Annevo (2016-2018): real-time restaurant order management for Pinchos (React, Redux), IoT data-visualization components for Telenor Connexion (React, AWS, Elasticsearch), an ML log classifier on AWS, and React Native apps.
- Frontend Engineer at Saltside Technologies (2015-2016) and Ticketmaster (2014-2015); Frontend Developer at Sigma (2013-2014); Game Developer at Spielo G2 (2012-2013), building mobile casino games in web tech with WebSocket game-server communication.

PROJECTS

- **Stadsvision** (stadsvision.app): built and launched solo in July 2026. Photograph a street, describe a change, and a multimodal model (Gemini) re-renders it; proposals land on a collaborative before/after map. Next.js, Postgres + PostGIS.
- **Memosay** (memosay.app): meeting-notes PWA with real-time transcription, auto-summaries, org multi-tenancy, and Google/Microsoft OAuth. Installable with push notifications.
- **Curator Studio**: on-chain capital-allocation protocol and web app; authored the ERC-8185 and ERC-8186 draft standards. Solidity, TS SDK, Ponder indexing.

EDUCATION

Hyper Island · Business development course (part-time, remote), focus on sustainable development goals · 2024

Linnaeus University (Linnéuniversitetet) · Studies in Media Technology · 2009-2012