Erik Pettersson

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SUMMARY

Fullstack engineer with 16+ years building scalable systems. Recently designed AI workflows and pipelines at Solva (Y Combinator). Early employee at Tink (acquired by Visa for $2.2B), shipped backend services handling billions of requests at Apple, built Dreamwod as a solo founder.

EXPERIENCE

- **Solva Technology — Y Combinator (S25)**   Stockholm, Sweden
  Founding Engineer   *Oct 2025 – Present*
    - Built the full product end-to-end: UX/UI, backend, infrastructure, and security.
    - Designed and implemented LLM-powered processing workflows for insurance claims automation.
    - Hands-on with modern LLM tooling including prompt engineering, evaluation, and reliability.

- **Apple**   Stockholm, Sweden
  Senior Software Engineer (Consultant)   *Oct 2022 – Apr 2024*
    - Individual contributor on the 3D Vision team working with raster and elevation data.
    - Built, deployed, and scaled backend services in Go handling billions of requests.

- **Mendi**   Stockholm, Sweden
  Interim Tech Lead   *Mar 2021 – Aug 2021*
    - Led mobile and backend development for brain health product. Managed team of 5 engineers.

- **Dreamwod**   Stockholm, Sweden
  Founder & Developer   *Nov 2020 – Present*
    - Solo founder. Designed and built the entire product from scratch – mobile apps, web, backend, and infrastructure.
    - Used by gyms worldwide including CrossFit Munich, one of the largest CrossFit affiliates in Europe. ˜30K monthly active sessions.
    - Authored technical blog with 10K+ upvotes on article "How I Built My Tech Startup as a Solo Developer".
    - Tech: Go, Flutter, React, Next.js, GCP

- **Stravito**   Stockholm, Sweden
  Tech Lead (Consultant)   *Apr 2019 – Apr 2020*
    - Technical leadership for architecture modernization of research and knowledge SaaS platform.
    - Converted single-tenant system to multi-tenant architecture. Introduced cloud-native services and scaling patterns.
    - Tech: Kotlin, Elasticsearch, Terraform, PostgreSQL, AWS

- **Tink**   Stockholm, Sweden / Amsterdam, Netherlands
  Various roles   *Dec 2014 – Apr 2019*
    - Early employee (one of first 10 engineers), #4 all-time contributor. Tink acquired by Visa for $2.2B in 2022.
    - **Tech Lead - PFM** (Jun 2018 – Apr 2019): Led the personal finance management team.
    - **Tech Lead - Payments** (Oct 2018 – Mar 2019): Led the payments team and product.
    - **Backend Chapter Lead** (Dec 2017 – Jun 2018): Led backend developers across different teams.
    - **Forward Deployed Engineer at ABN AMRO** (Jan 2016 – Dec 2017): Forward deployed to ABN AMRO, Tink's first B2B customer. Led the white-label integration that validated the company's pivot from B2C to B2B.
    - **Software Engineer** (Dec 2014 – Jan 2016): Joined as one of the first engineers. Contributed to core platform development, product development, and reverse engineering bank integrations.

SIDE PROJECTS

- **Weightlifting Clinic**: AI-powered personal weightlifting coaching prototype. Video analysis of olympic lifts using computer vision. Tech: Go, YOLO, Flutter.

EDUCATION

- **Linköping University**   Linköping, Sweden
  MSc in Computer Science and Engineering   *2004 – 2009*

Skills

- **Languages**: Go, Java, Kotlin, TypeScript
  Backend: REST APIs, Microservices, Kafka, PostgreSQL, MySQL, MongoDB, Cassandra, Elasticsearch
  Frontend/Mobile: React, Next.js, Flutter
  Cloud: AWS, GCP, Kubernetes, Terraform
  Other: ML/AI, LLMs, Signal Processing