David Stotijn

Senior Freelance Software Engineer

Senior Software Engineer with 10+ years of experience developing cloud-native, full-stack applications on AWS and GCP.

Built and operated the Go backend services for a no-code product used +1M/month by B2C customers for automating chat, email and voice workflows.

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Expertise & Skills

- Go (Golang), TypeScript, Python
- React, Svelte, Tailwind CSS
- AI engineering (MCP, RAG)
- PostgreSQL, MySQL, Redis
- REST, GraphQL, gRPC
- AWS, Google Cloud Platform, Cloudflare
- CI/CD, Docker, Terraform
- Test Driven Development
- Mentoring

Education

B.A. Computer Science
University of Amsterdam
Course work in algorithms and data structures (2004—2005)

Languages

- Dutch (native)
- English (full professional)

Highlighted Experience

Tech Lead at MessageBird

I designed and built the (Go) backend of Flow Builder: a no-code product used +1M/month by B2C customers for automating chat, email and voice workflows. Keywords: **Go, Cloud Spanner, Docker, Kubernetes, RESTful APIs**.

Full-Stack Engineer at Framer

Developed web services **(Go, Node.js, TypeScript)**, CI/CD pipelines and infra on AWS for automated certificate management (using Let's Encrypt) and site hosting **(EC2, Lambda, DynamoDB, S3, CloudFront)**.

I built a pipeline on AWS for automated screenshotting of Framer project canvases. Queue workers **(SQS)**, browser automation **(Playwright)**, image processing **(Sharp)**, file storage **(S3)**.

Work Experience

Freelance Software Engineer 2022 — present

- For MRA-Elektrisch, I performed backend (Go) and frontend (AngularJS) development, adding features that empower Dutch municipalities to better plan, build and manage +10k public EV charging stations. Keywords: APIs/RPCs, process/workflow management, **PostgreSQL**, **PostGIS**.

- For Crate, I built and maintained **Python** backend services and **(RAG)** pipelines on **AWS Lambda** to support their AI-powered content saving and curation platform. I implemented product features for AI-assisted content categorization, curation and reporting. Additionally, I helped further develop their mobile app using **React Native**.

- For GitBook, I integrated error tracking and logging for **Cloudflare Workers** with their existing observability stack, improving stability of the platform. I also extended the customer-facing REST API **(TypeScript, Firebase)** with new endpoints for user management, improved single sign-on **(SAML, OIDC)** workflows, and built a proof of concept for a **Terraform provider (Go)**.

- For Invopop (YC W23) I built GOBL Builder, a low-code editor for reviewing and creating electronic invoice documents. Keywords: WebAssembly (WASM), Svelte, Web Workers. Additionally, I helped refactor a legacy admin dashboard to SvelteKit, using Tailwind CSS and Firestore.

Full-Stack Engineer at Framer 2019 — 2021

- I built web services (Go, Node.js, TypeScript) CI/CD pipelines and infra on AWS for automated certificate management (using Let's Encrypt) and site hosting (EC2, Lambda, DynamoDB, S3, CloudFront).

- I built a pipeline on AWS for automated screenshotting of Framer project canvases. Queue workers (SQS), browser automation (Playwright), image processing (Sharp), file storage (S3).

- I designed, built and maintained web services (Go, TypeScript, Node.js) for team collaboration features such as commenting, access control, search and media asset management.

Tech Lead at MessageBird 2015 — 2019

- I designed and built the (Go) backend of Flow Builder: a no-code product used +1M/month by B2C customers for automating chat, email and voice workflows. Keywords: Go, Cloud Spanner, Docker, Kubernetes.

- I onboarded and coached software engineers to use Go as a primary language for backend development.

- I built developer-friendly RESTful APIs and backend services (Go, PHP) for SMS, Chat and Voice products.

Early career 2008 — 2015

- At LimoenGroen, I built web applications using Drupal (PHP content management framework) for organisations in energy, education, arts, nonprofit and government industries.

- At Constant IT, I performed full-stack development of public websites, intranets and extranets. Specialized in tailor-made Drupal sites. I handled system administration of Linux web servers and Plesk (hosting automation software).

Side Projects

Hetty 2020

An HTTP toolkit for security research. It aims to become an open source alternative to Burp Suite Pro, with powerful features tailored to the needs of infosec and bug bounty professionals.

 dstotijn/hetty ⭐ 7,090 stars

go-mcp 2025

Go library for building Model Context Protocol (MCP) servers and clients.

 dstotijn/go-mcp ⭐ 12 stars