

Daniel Hillmann

Senior Software Engineer

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Skills

Backend & Architecture: TypeScript, Node.js, Go, Kafka, RabbitMQ, Microservices, Event-driven architecture

Databases & Search: MongoDB, PostgreSQL, Redis, MongoDB Atlas Search

APIs & Integrations: RESTful APIs, Open Banking, Webhooks, OAuth

DevOps, Infrastructure & Security: Docker, Kubernetes, CI/CD, GitHub Actions, Automation, Security (CodeQL, SAST), Vulnerability Management

Observability: OpenTelemetry, Honeycomb, Grafana, Elastic, Sentry

Experience

Senior Software Engineer, SumUp

2022 – Present

- Supporting 40,000+ Monthly Active Users (MAU) by maintaining high-availability systems that generate thousands of financial documents and process hundreds of thousands of ecosystem events monthly.
- Accelerated collection searches by 500x by refactoring queries to leverage MongoDB Atlas Search.
- Led the domain-level implementation of company-wide strategic initiatives, including the transition to private Kafka clusters and the global user-merchant account split.
- Reduced database costs by 36% and query load by 50% through targeted query optimization and refactoring.
- Architected and maintained core Fintech services including reconciliation, open banking payments, and a refactored AIS integration for organization-wide use.
- Led the migration from legacy Heroku deployments to in-house Docker and Kubernetes infrastructure.
- Drove architecture decisions through RFCs to simplify systems and eliminate legacy code.
- Configured static code analysis tools and closed countless of security vulnerabilities as a Security Champion.
- Created standardized repository templates and monorepo tools to automate CI/CD pipelines, security policies, and dependency management.

Backend Developer, SumUp

2021 - 2022

- Built the core bridge service connecting SumUp and Debitoor platforms, handling millions of monthly transactions.
- Successfully migrated the entire merchant base from a legacy synchronization service to a new integration API.
- Built government API integrations including SDI e-invoicing (Italy), HMRC VAT reporting (UK)
- Modernized the development pipeline by migrating the CI/CD flow from TeamCity to CircleCI.
- Built a Yapily Open Banking integration allowing merchants to connect and sync external bank accounts.

Fullstack Developer, Debitoor

2018 - 2021

- Led the migration to a new static CMS system of the public site.
- Mentored and supported the marketing team during the transition.
- Built numerous internal tools and vscode extensions to automate workflows and support content writers

Student Developer, Debitoor

2016 - 2018

Projects

YAML plus JSON VS Code Extension

marketplace.visualstudio.com/items?itemName=hilleer.yaml-plus-json

Helps VS Code users seamlessly convert between YAML and JSON formats.

- 100,000+ installations
- Highly positive community reviews

kill-port-process

www.npmjs.com/package/kill-port-process

Cross-platform CLI tool to kill processes on a port.

- 80,000+ weekly downloads

Education

Copenhagen Business Academy – Bachelor Degree

2017 - 2018

Copenhagen Business Academy – AP Degree

2014 - 2017