



# Haydn Morris

## Freelance software engineer

### Profile

I'm a senior software engineer with 8 years experience in building and shipping digital products. My technical ability, coupled with a strong focus on the user, allows me to move freely between product and engineering roles, ensuring that technical deliverables reflect business strategy.

### Process

Problem space ▶ Solution space ▶ Iteration

### Personal information

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Amsterdam

### Links

[haydnjm.com](https://haydnjm.com)

[github.com/haydnjm](https://github.com/haydnjm)

[linkedin.com/in/haydn-morris](https://linkedin.com/in/haydn-morris)

[haydnjmmorris.medium.com](https://haydnjmmorris.medium.com)

### Languages

English (native)

Dutch, Italian (limited working proficiency)

### Education

Management of Innovation (MSc)

Rotterdam School of

Management, Erasmus University

2021 – 2022, Rotterdam (NL)

Mechatronics and Robotic

Engineering (MEng, 1st class

Hons)

The University of Sheffield

2012 – 2017, Sheffield (UK)

#### Skills

- Requirements engineering
- Drafting user stories
- Stakeholder modelling
- Defining goal traceability
- Project management

#### Tools

- Figma
- Miro
- Linear
- Jira
- ClickUp

#### Skills

- UI development
- Microservice design
- Automated testing
- API integration
- Performance optimisation

#### Tools

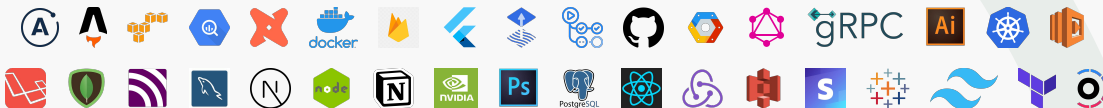
- Typescript
- Go
- Python
- SQL
- Proto

#### Skills

- User feedback analysis
- Monitoring
- Improving observability
- Release management
- Managing technical debt

#### Tools

- Prometheus
- Grafana
- Posthog
- Sentry
- Google Analytics



### Recent projects

#### Locking hardware PoC

Created a technical proof-of-concept for a new series of hardware products to be integrated into an existing product offering, utilising NFC via mobile integrations and cloud APIs. The report was directly used by directors to steer the company's technical roadmap.

#### Full stack permission model

Built a permission model which integrates into back-office software to provide role-based functionality, contributing to better data security and reduced human error.

#### Back-office rebuild

Collaborated with product managers, designers and other engineers to fully rebuild a backoffice software suite, including dashboards, user management, customer management and extensive functionality related to the customer's operations.

#### Microservice upgrade

Rolled out an upgrade to a series of Typescript microservices, including a multi-table database migration, with zero downtime. This enabled extensive upgrades to the platform without sacrificing SLOs.

For a more comprehensive list of projects including the technologies used, [visit my website](#)

### Experience

#### Senior Software Engineer



#### ivy Solutions

Apr 2023 – May 2025

📍 Munich, Germany (Remote)

#### Software Engineer



#### De Energiebespaarders

Feb 2019 – Mar 2023

📍 Amsterdam, Netherlands

#### Co-founder, Tech Lead



#### intique

Feb 2018 – Jun 2019

📍 Manchester, United Kingdom



#### Freelance software engineer

#### Haydn Morris Digital

Jan 2018 –

📍 Various, Europe