
Hayden Austin

Software Engineer | Full-Stack Development

haydaust@gmail.com | [GitHub](#) | [Portfolio](#)

Software engineer building web and mobile applications with React, TypeScript and backend services. Work includes custom CMSs, offline records, interactive analytics and multilingual interfaces.

SELECTED APPLICATION DEVELOPMENT

Business applications & custom CMSs | [Project overview](#)

- Built React/TypeScript catalogues and administration tools for products, publishing, media and staff permissions.
- Implemented Firebase services, spreadsheet workflows, server rendering and automated access-rule and release checks.

Agronomy field records (in development) | [Project overview](#)

- Developed React Native/Expo records with SQLite persistence, retry-safe uploads and retained correction history.
- Integrated validated weather forecasts with caching, freshness indicators and explicit missing-data states.

Strategy-game analytics dashboard | [Project overview](#)

- Built React/TypeScript comparisons and D3 charts with batched API requests, Web Worker computation and coordinated caching.

IntegerSpark multilingual calculator | [Project overview](#)

- Implemented decimal arithmetic, locale-aware number handling and static pages for 12 languages, with asset-size checks.

EXPERIENCE

Freelance Developer

2023 - 2025

- Developed web applications for commerce and professional services, covering product catalogues, authentication, content management and deployment.

Game Server Developer & Administrator

2019 - 2022

- Built event-driven Java plugins with persistent item metadata and server API integrations; maintained Linux servers and investigated performance issues.

TECHNICAL SKILLS

Interfaces: React, Next.js, React Native/Expo, TypeScript, D3, localisation

Backend & data: Node.js, Fastify, Firebase, PostgreSQL/Drizzle, SQLite

Engineering: API batching, offline sync, automated testing, GitHub Actions, Linux

EDUCATION

Belgium Campus ITversity

Studies toward a Bachelor of Computing, specialising in Software Engineering.