

Rune Herreman

Software Engineering student · Howest

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Rijbewijs B

Profile

Backend-focused developer in C#/.NET, with experience across the full stack from React front ends to cloud deployment on Azure. I enjoy building tools that people actually use. Looking for a 13-week internship from February 2027 in backend or full-stack development.

Education

Bachelor Applied Computer Science - Software Engineering 2024 - 2027
Howest University of Applied Sciences

Experience

Student Software Engineer · Vintecc Jul - Aug 2026

- Built a .NET template that produces production-ready .NET Aspire + React applications with OIDC sign-in
- Developed a full-stack Grafana data source plugin (TS/Go) for the company's industrial UNS API
- Created MCP tools for internal flow-builder and custom Node-RED nodes for MQTT and API data

C# / .NET Aspire / Go / TypeScript / React / MQTT / Node-RED / MCP

IT Internship · Gemeente Oostkamp March 2024

- Built an internal dashboard in Power Apps for monitoring the organisation's network, with automated data retrieval from Active Directory via Power Automate

Power Apps / Power Automate / Active Directory

Projects

Bloom 2026 - now

- Built a self-hosted workout tracker I use daily: templates, set logging and analytics (volume, PRs, 1RM)
- Integrated the Strava API to automatically import cardio activities, with GPX route overlays
- Clean Architecture + DDD backend with domain events and JWT auth; CI pipeline with unit tests, coverage gate and migration checks

C# / ASP.NET Core 10 / React / TypeScript / PostgreSQL / Docker / GitHub Actions

HowestPrime 2026

- Built a cinema platform with two microservices (.NET, Deno) using Clean Architecture + DDD
- Services communicate through domain events over RabbitMQ, which drive the full ticket order flow
- Provisioned Azure with Terraform (Container Apps, Cosmos DB, Key Vault, managed identities) and set up CI/CD pipelines with tests, coverage checks and auto-deploy

.NET 10 / Blazor / Deno / TypeScript / PostgreSQL / MongoDB / RabbitMQ / Azure / Terraform / Docker

Zuyp 2026

- Built an Android app for planning hangouts: live map with geofenced check-in and shared expense splitting
- RabbitMQ-driven full-screen alerts with one-tap join; Clean Architecture + MVVM, Hilt, unit and UI tests

Kotlin / Jetpack Compose / RabbitMQ / MapBox / Room / WorkManager / Hilt / JUnit

Skills

Languages	C#, TypeScript, Java, Kotlin, SQL
Frameworks	ASP.NET Core, .NET Aspire, React, Blazor, Deno
Data & Messaging	PostgreSQL, MongoDB, RabbitMQ, MQTT
Other	Azure, Terraform, Docker, DDD, Clean Architecture, Unit Testing, Event-driven design

Languages

Dutch	Native
English	Fluent
French	Basic